

**CHICAGO METROPOLITAN AGENCY FOR PLANNING  
QUARTERLY PROGRESS REPORT- FY 2011 1ST QUARTER**

**TABLE OF CONTENTS**

<b>GO TO 2040 DEVELOPMENT, VISUALIZATION, AND PUBLIC PARTICIPATION .....</b>	<b>2</b>
<b>TRANSPORTATION IMPROVEMENT PROGRAM (TIP) .....</b>	<b>6</b>
<b>CONGESTION MANAGEMENT PROCESS .....</b>	<b>13</b>
<b>LOCAL PLANNING SUPPORT .....</b>	<b>21</b>
<b>INFORMATION TECHNOLOGY MANAGEMENT .....</b>	<b>27</b>
<b>REGIONAL INFORMATION AND DATA DEVELOPMENT .....</b>	<b>34</b>
<b>POLICY ENVIRONMENT .....</b>	<b>43</b>
<b>ENERGY RETROFIT RAMP-UP .....</b>	<b>56</b>
<b>WATER RESOURCE PLANNING .....</b>	<b>63</b>

# **GO TO 2040 DEVELOPMENT, VISUALIZATION, AND PUBLIC PARTICIPATION**

Program Oversight: Management Staff, Bob Dean

CMAP is leading the development of *GO TO 2040*, the comprehensive regional plan that will guide growth in Cook, DuPage, Kane, Kendall, Lake, McHenry, and Will Counties for the rest of this century. This program implements our mission to integrate transportation and land-use planning. In addition to land use and transportation, *GO TO 2040* also addresses the full range of quality-of-life issues, including the natural environment, economic development, housing, and human services such as education, health care and other social services. This Plan is a result of more than a three year effort and is scheduled for adoption in October, 2010.

## **Strategy Analysis: Online Maintenance and Continued Improvement**

Project Manager: Bob Dean

Team: Banks, Ostrander

Description: Strategy reports are meant to define potential implementation strategies, analyze what would occur if these strategies were implemented, and provide case studies of their implementation in the region. Approximately 50 strategies have been analyzed through this process, with separate webpages created for each. During FY11, the strategy papers and their webpages should be continually improved and maintained by adding case studies and more recent information.

Products and Key Dates: The strategy papers and their webpages are already complete, but will be maintained and continually improved throughout FY 11.

### **1<sup>st</sup> Quarter Progress:**

- Maintained strategy paper web pages.

### **2<sup>nd</sup> Quarter Objectives:**

- Transfer strategy paper web pages to new site and continue to maintain.

## **Regional Indicator Design**

Project Manager: Andrew Williams-Clark

Team: Dean, Sanders, Wu, Zhang

Description: Indicators will be used to assess the effectiveness of potential strategy recommendations and to track progress toward plan accomplishment in future years. This activity is being undertaken in partnership with the Chicago Community Trust. Collection of data to establish a baseline, which will be used to compare future scenarios against, will be completed, and the indicators website will be designed and launched. Future improvements to the website are covered as another item in the work plan (*GO TO 2040* Implementation: Policy Environment).

Products and Key Dates: The indicators website is scheduled to be launched shortly after the

adoption of *GO TO 2040*.

**1<sup>st</sup> Quarter Progress:**

- Drafted Indicators baseline report
- Finalized MetroPulse first-phase beta
- Conducted UA testing with CMAP/Trust staff
- Demonstrated MetroPulse to core stakeholders
- Initiated development of MetroPulse video tutorials
- Nearly completed first phase ETL work
- Completed Municipal Survey data collection
- Drafted workplan for data sharing work in FY11

**2<sup>nd</sup> Quarter Objectives:**

- Roll out MetroPulse website
- Conduct webinar training with media and partners
- Finalize plan for MetroPulse evolution
- Finalize agreement for multi-partner Census/ACS roll out
- Initiate Municipal Data Portal pilot project
- Initiate Human Capital Information portal project

## **Major Capital Projects**

Project Manager: Ross Patronsky

Team: Baden, Banks, Bozic, Dean, Heither, Kopec, Rodriguez, Stratton, Wies

Description: Per federal requirements, a fiscally constrained list of major transportation capital projects will be included in the *GO TO 2040* plan. A recommendation for these projects was developed during FY 10. In FY 11, public comment on the project categorizations will be concluded, the fiscally constrained projects will be tested to ensure that the region conforms to federal air quality standards, and a final recommendation will be developed for inclusion in the plan. The implementing agencies will be kept involved throughout this process.

Products and Key Dates: A fiscally constrained list of major capital projects will be included as part of *GO TO 2040*, scheduled for adoption in October 2010.

**1<sup>st</sup> Quarter Progress:**

- Held SAFETEA-LU subcommittee meeting to get in-depth response to transportation finance and specific major capital project recommendations.
- Received public comments and incorporated them into plan narrative.

**2<sup>nd</sup> Quarter Objectives:**

- Prepare and send out individual responses to commenters.

## **Plan Preparation**

Project Manager: Bob Dean

Team: Ahmed, Aleman, Baden, Banks, Blankenhorn, Byrne, Deuben, Elam, Ferguson, Garritano, Leary, Maloney, Murtha, Ostrander, Reisinger, Sanders, Talbot, Weiskind, Wies, Williams-Clark

Description: This step involves preparing the final version of the *GO TO 2040* plan. An initial draft will be prepared and released for public comment in FY 10, and finalized based on public input collected during summer 2010.

Products and Key Dates: The final plan will be produced and adopted by October 2010, per federal and state law.

**1<sup>st</sup> Quarter Progress:**

- Collected public comments on draft plan and modify as appropriate.
- Reformatted full plan, create final maps and charts, and prepare for publication.

**2<sup>nd</sup> Quarter Objectives:**

- Adopt and release full plan.

## **Plan Communication**

Project Manager: Erin Aleman, Tom Garritano

Team: Ahmed, Baden, Banks, Blankenhorn, Bright, Byrne, Capriccioso, Dean, Deuben, Elam, Ferguson, Holub, Kopec, Leary, Maloney, Ostrander, Reisinger, Smith, Talbot, Torres-Hawken, Williams-Clark, Weiskind

Description: Possibly the most important step in the entire *GO TO 2040* process, this item involves communicating the plan's direction and preliminary recommendations to key stakeholders and implementing agencies. Because CMAP has limited implementation authority, it is critical that local, state, and other decision-makers be supportive of the direction and specific recommendations of the *GO TO 2040* plan. This task will involve extensive outreach to key stakeholders.

Products and Key Dates: Formal public engagement on the draft plan begun in FY 10 and be concluded in August 2010. Communication activities will continue after plan adoption.

**1<sup>st</sup> Quarter Progress:**

- Short Plan
  - Coordinated development of the short plan including infographics, illustrations, text writing and editing
  - Selected a printer for the short plan and long plan printing
  - Presented short plan to CMAP Board
  - Short plan completed
- Web
  - Completed information architecture of new website
  - Developed wireframes with Thirdwave and Thirst
  - Determined what existing pages need to be ported over to the new site

- Porting began
  - Two CMAP staff training sessions held
  - Staff strategically working to manually correct content that didn't port over quite right
- Media
  - Developed earned media plan
  - ASGK held media training session with Board and senior staff
  - Scheduled editorial board sessions
  - Media advisory sent to all press outlets
  - Developed 6 video portraits of residents in the region that relate to GO TO 2040
  - Developed 1 overarching video for the kiosks and launch event
- Campaign/Outreach
  - Wrapped up all community weeks holding 150 meetings with over 200 stakeholders.
  - Reached out to over 500 organizations
  - Over 250 partners on board in support of GO TO 2040
  - Strategic calls made to get partners and "Top 25" attendees at the launch.
- Launch
  - Visited sites to find a venue suitable
  - Launch program developed
  - Coordinating materials and vendors for launch

## **2<sup>nd</sup> Quarter Objectives:**

- Short Plan
  - Complete
- Web
  - Continue to work with staff on Liferay skills and long-term web maintenance
- Media
  - Big push to media for launch
  - Developing press packets for TV studios
  - Internet Press Kit (IPK) developed and sent to all media outlets
  - Focus on how to keep GO TO 2040 in the news after the launch
- Campaign/Outreach
  - Develop outreach plan to municipalities and other implementers
  - Develop plan for strategically involving GO TO 2040 partners
- Launch
  - Complete

## **TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

Program Oversight: Management Staff, Patricia Berry

This program develops the region's TIP. The CMAP Board and MPO Policy Committee track the use of local, state, and federal transportation funds through the Transportation Improvement Program (TIP). The purpose of the TIP is to establish a short-term transportation program to reflect the long-range transportation goals identified in the long range plan. Federal, state, and local policies and regulations are analyzed to assure CMAP's TIP addresses regional priorities identified through existing plans and the forthcoming *GO TO 2040 Plan*. The region is required to develop and maintain a fiscally constrained TIP which, together with the region's Plan, is conformed to the State's Implementation Plan and air quality regulations to attain national ambient air quality standards. In addition to the regional priorities, fiscal issues, and air quality considerations; public involvement and regulatory elements must be addressed in the TIP. With the anticipated approval of the *GO TO 2040 Plan* in FY 2011, the TIP will be an implementation vehicle for the transportation recommendations of the Plan. Active program management will continue for STP and CMAQ funds and should be expanded to address all funding sources.

### **TIP Administration**

Project Manager: Teri Dixon

Team: Allen, Bright, Berry, Capriccioso, Frank, Johnson, Kos, Ostdick, Patronskey, Pietrowiak, Schaad, *new TIP asst planner*

Description: Work with local, county, state and national partners to assure regional priorities are addressed, transportation projects are able to proceed in a timely manner, and all available funding is used efficiently. Ensure all federal requirements are met including fiscal constraint, public involvement, data accuracy and annual obligation report.

Products: TIP with updates or amendments (ongoing – approvals approximately nine times per year); active program management reports (ongoing); obligation report (February 2011); expenditure reports (ongoing); fiscal marks (as needed).

### **1<sup>st</sup> Quarter Progress:**

NCHRP TIP Case Study

SAFETEA-LU Sub-committee on 7/23/10

Developed 45/55 split fact sheet

Worked with IDOT and FHWA to authorize projects not correctly identified in the TIP

- Continued day-to day activities for the TIP, including amendments and modifications
- Completed documentation for the FY 10-15 TIP.
- Continued to assist programmers with issues involving the TIP.
- Continued monitoring of TIP projects, fund source, cost and progress
- Continuous update of programming marks and projects.
  
- Monitored and updated Marks Table

- Continued staffing of COG/COM and Technical and Transportation Committee meetings to clarify and explain TIP and regionwide expenditures.
- Continuing activities to attain a balance and understanding and implementing fiscally responsible advanced funding by mayors/managers and leaders of the individual COM groups.
- Continued work on improving TIP map.
- Continued work with Topiary in an attempt to ensure that the TIP map system can be updated whenever a change occurs to the online TIP.
- Continue efforts to ensure that TIP change reports as well as other reports are able to be completed in the online interface.
- Held July, August and September Transportation Committee meetings which included preparing agenda, minutes, and associated memos
- 

#### **2<sup>nd</sup> Quarter Objectives:**

- Updating database for FFY11
- Working with consultants to debug reports , data validations, and macros for the database
- Obligation report for 2010
- Continued training with staff and programmers on interface.
- Continue expenditure reports updates
- Continued STP funding review
- Updating TIP websites

### **TIP Database and Visualization Tools**

Project Manager: Ross Patronskey

Team: Allen, Berry, Bright, Capriccioso, Dixon, Frank, Ferraro, Johnson, Kos, Krell, Ostlick, Pietrowiak, Sanders, Schaad, Weiskind, *new TIP asst planner*

Description: Work to enhance usability and usefulness of the TIP data to implementers and the public. Implementers continually adjust their programs based on available funding, shifting priorities in response to economic development, environmental issues, housing and land use decisions. The integration of the data available through the TIP, the Regional Indicators and the increasing use of web-based communication is essential to make this information accessible and communicate it effectively to the public. Training to use the database and visualization tools must be accessible to implementing agencies and interested CMAP partners.

Products: TIP database enhancement to accommodate direct geospatial project entry (“Phase III”) (June 2011); TIP database maintenance to improve data validation and ease of implementer use (ongoing); Public Interface using Flex (October 2011, ongoing improvements after that); TIP map (ongoing); Active Program Management reports (ongoing).

#### **1<sup>st</sup> Quarter Progress:**

- Executed 2011-2012 database maintenance contract.
- Investigated potential for using WebFOCUS as TIP database report tool - had Research & Analysis staff demonstrate, developed prototype all project listing.
- Met with Research & Analysis staff to discuss look and feel of public interface - agreed that style of indicators home page would work.
- Developed PAO for database consultant to work on all projects report, conformity (network) export, fiscal constraint validation checks, and project modification report.

## **2<sup>nd</sup> Quarter Objectives:**

- Issue PAO developed in first quarter; complete work specified.
- Develop TIP summary chart and table, following prototype previously developed.
- Identify other TIP data to associate with TIP public interface home page; develop wireframes for additional links.
- Determine whether TIP map under development can meet specified requirements. If so, complete final features to enable it to be released for public use.

## **TIP Analysis**

Project Manager: Teri Dixon

Team: Allen, Berry, Bright, Capriccioso, Frank, Johnson, Kos, Ostdick, Patronskey, Pietrowiak, Schaad, Weiskind, *new TIP asst planner*

Description: Work with implementers to ensure appropriate data is available to analyze programs for assessing whether and how they help move the region toward attaining the vision laid out in *GO TO 2040*. Continually analyze the capital and operational status of the transportation program to ensure its land use connection, preservation and improvement of our environmental resources, and the sustainability of economic prosperity. TIP changes, acted on at each meeting of the CMAP Transportation Committee, and semi-annual TIP amendments should be represented in an easy to understand manner to assist in ascertaining their impact on the overall mobility of the region.

Products: Analysis of TIP (ongoing); Analysis of TIP revisions (approximately nine times per year)

## **1<sup>st</sup> Quarter Progress:**

Project is being scoped more fully.

## **CMAQ Program Development**

Project Manager: Holly Ostdick

Team: Allen, Berry, Johnson, Kos, Ostdick, Patronskey, Pietrowiak, Schaad, *new TIP Asst Planner*

Description: The CMAQ Program involves the solicitation and selection of surface transportation projects for the Congestion Mitigation and Air Quality Improvement (CMAQ) Program for northeastern Illinois. Once CMAQ project proposals have been submitted they are evaluated for potential air quality and congestion reduction benefits. Using the proposals' cost/benefit rankings plus other factors such as project readiness and



sponsor capacity, a proposed program is vetted through the committee structure for approval by the MPO Policy Committee and CMAP Board.

Once projects are programmed, CMAP staff engages in active program management to ensure timely and efficient expenditure of funds. Both CMAQ programming and program management require extensive data management and communication with project sponsors, Planning Liaisons and IDOT. To facilitate this, a specialized database has been developed and maintained over the years.

Beginning in 2008, a post-implementation evaluation of emission benefits was initiated. This effort involved development of data-collection methods, sample design and field data collection for four types of CMAQ projects – traffic flow improvement, signal interconnect, bicycle facility and pedestrian facility. A second round of data collection is scheduled to obtain “after” data (for traffic flow improvement and signal interconnect projects) and additional data (from additional projects) for bicycle and pedestrian facilities. Federal regulations require that estimates of project benefits be verified.

Products and Key Dates: Update to CMAQ programming process, including revised forms and instructions (October 2010); FY 2012-13 call for CMAQ proposals (December 2011); FY 2012-13 Proposal Book (March 2011); FY 2012-13 Proposal Rankings (June 2011); report identifying CMAQ projects that should be removed from the program for lack of progress (October 2010); semi-annual review of project status (May 2011); completion of second round of data collection for post-implementation evaluation (June 2011); updates to database structure to handle program management data needs (June 2011).

#### **1<sup>st</sup> Quarter Progress:**

- Held two CMAQ PSC meetings (7/23 and 8/19) including preparation of meeting materials and notices, staff recommendations and minutes.
- Worked with the PLs to get the remaining 33% of FFY 2010 sponsors that did not submit a May status update to do so by July 15. Reviewed updates and provided a report to the PSC Committee.
- Recommended removal of the Oak Forest and Bensenville projects from the CMAQ program – secured PSC and Transportation Committee recommendations of removal for MPO Policy Committee action.
- Developed a new “Transit Expenditures” form for quarterly updates from transit project sponsors who have obligated funds (i.e. have signed FTA grant agreements) but have not actually spent any or all of their CMAQ funding.
- Revamped and tightened CMAQ programming policies (to better implement active program management) for PSC, Transportation and MPO Policy Committee approvals.
- Discussed the proposed programming policies with concerned implementers.
- Prepared an immediate response to IDOT OP&P on their urgent request for an estimate of state appropriation needs for SFY 11 and SFY 12.
- Worked with IDOT, CDOT, and local COG’s to further refine the amount of state appropriation needed for SFY 11 and SFY 12 for OP&P.

- Met with IDOT staff at the Central Office to clarify needs and procedures to improve coordination in order to optimize implementation of CMAQ projects and reduce the unobligated balance.
- Identified projects for study for the phase two of the actualized benefits study with UIC
- Reviewed Phase 1 document of actualized benefits study with UIC.
- Negotiated contract with UIC for PH 2 of the study; forwarded it to UIC for their signature.
- Continued implementing the CMAQ A List
- Distributed a reminder to regional agencies on implementing the CMAQ A List
- Contacted sponsors with projects on the CMAQ B List to determine which have shown sufficient progress to be moved into the funded program. Developed spreadsheets reports, e-mail reminder, and online forms for implementing October status update which includes notifying and collecting responses of over 150 projects.
- Developed a listing of likely “reasons for delay” with staff recommendation of “within sponsor’s control or outside of sponsor control assessments to encourage the PSC Committee’s advance thinking on the potential complexity of making such judgments (resulting in project removals) when the October status updates are reviewed.
- Worked to get CMAQ PSC approval to hold a 2-year Call for Project for FFY 2012 & 13 to allow staff to focus on monitoring and improving implementation.
- Developed options for various programming methods focusing the call for projects, reducing staff time and placing more emphasis on implementing the GO TO 2040 Plan for the CMAP management and the CMAQ Project Selection Committee to consider.
- Worked with Railroads and other interested parties in considering a request to change the scope of a project from GenSets to single locomotive engine options as the decision could be precedent setting
- Attended US EPA/railroad meeting; made arrangements to host the meeting at CMAP
- Assisted with development of ThinkBike workshop sponsored by the Netherlands Consulate.
- Routine processing of CMAQ obligations and needed TIP changes

## **2<sup>nd</sup> Quarter Objectives:**

- Analyze October status updates:
  - Review and, in appropriate cases, verify reasons for schedule delays and assess the project’s eligibility for a one-time move, out of sponsor's control schedule adjustment or sponsor delinquency.
  - Recommend projects to be removed from the program for lack of progress and process those changes through the CMAQ PSC, the Transportation and MPO Policy Committees
- Develop consensus on programming philosophy for the FFY2012& 2013 call for projects,
- Develop the application booklet and other materials for the call for project (CFP)
- Get CFP notices out and update the website
- Take the recommended adjusted & tightened programming policies for PSC, Transportation and MPO Policy Committee approvals

## **Conformity of Plans and Program**

Project Manager: Ross Patronskey

Team: Berry, Bozic, Heither, Ostlick, Patronskey, Rodriguez, Wies

Description: Northeastern Illinois has historically not attained national ambient air quality standards for certain pollutants. It is anticipated that it will be classified as a non-attainment area for the 8-hour ozone standard to be adopted in August, 2010. In addition, while the region meets prior ozone standards and the fine particulate matter (PM<sub>2.5</sub>) standards, federal regulations require steps to ensure that the standards continue to be met.

To meet the air quality requirements, the region must implement a transportation program which will help reduce levels of these pollutants or maintain the existing low levels. As part of the transportation planning and programming process, the impact of proposed transportation activities on the region's air quality is evaluated. This evaluation, called a conformity analysis, is submitted to the Illinois Environmental Protection Agency and US Environmental Protection Agency for their review before a long-range regional transportation plan or Transportation Improvement Program (TIP) is approved or amended. The conformity analysis must demonstrate that the emissions resulting from the plan and TIP meet the requirements of ("conform with") the regulations governing air quality.

Products: Complete the conformity analysis of the transportation element of *GO TO 2040* (August 2010); provide support to Illinois EPA as they develop and update various State Implementation Plans (as needed); semi-annual Conformity Determinations (October 2010 and March 2011); findings and interagency agreements from consultation meetings (as needed – typically four to six times per year); implementation of MOVES model (June 2011).

### **1<sup>st</sup> Quarter Progress:**

- Attended public hearing on PM<sub>2.5</sub> maintenance SIP.
- Reviewed BRT grant awards for conformity implications.
- Provided emission rates to Cambridge Systematics for CREATE application.
- Reran conformity analysis with travel demand model reflecting public comments.
- Held Consultation meeting 8/19 to discuss responses to IEPA comments on draft conformity document.
- Completed revisions to conformity analysis document.

### **2<sup>nd</sup> Quarter Objectives:**

- Post final conformity document.
- Review MOVES documentation on transferring MOBILE6 data to MOVES; transfer data.
- Identify new data needed to use MOVES model
- Monitor developments regarding new ozone NAAQS
- Assist US EPA and IEPA in their effort to obtain information from CTA related to NO<sub>2</sub> monitor at 321 S. Franklin.
- Hold consultation discussion regarding need to develop new SIP budgets in MOVES.

- Hold consultation discussion regarding use of MOVES in fine particulate hot-spot analyses.
- Address any issues that arise as a result of projects submitted for TIP conformity amendment (to be approved by Board and MPO Policy Committee in March, 2011).

## **CONGESTION MANAGEMENT PROCESS**

Program Oversight: Management Staff, Thomas Murtha

This program addresses both the best practices and regulatory requirements for effective management of the region's transportation system. Core CMAP responsibilities for the Congestion Management Process include monitoring and evaluating the performance of the multi-modal transportation system; identifying the causes of congestion; identifying and evaluating congestion management strategies, and providing information supporting action to relieve congestion. The *Regional Indicators Project* and other *GO TO 2040* initiatives will be key parts of addressing these responsibilities. The management and operational strategies developed will include the creation of a Regional Transportation Operations Coalition (RTOC), a new institutional forum to address regional multi-jurisdictional transportation operations. Specific strategies will focus on intelligent transportation systems, freight planning, and bicycle and pedestrian planning issues, some of which will be addressed cooperatively through RTOC. A key direction for the Congestion Management Process is to develop and provide data in support of regional programming decisions, providing data to support programming decisions and transparency for those seeking to understand the programming process. The intent is to provide information in support of our partner agencies and for public information.

### **Performance Monitoring**

Project Manager: Tom Murtha

Team: Frank, Nicholas, Rice, Schmidt

Description: This project supports regional transportation system data collection and analysis in support of the Congestion Management Process. The project also provides data input for regional transportation indicators included in the *Regional Indicators Project*. *Regional Indicators* are provided at least at the summary level. Congestion management performance monitoring also includes evaluations addressing particular performance problems in depth. The regional Data Warehouse will include both summary indicators and detailed Regional Transportation Data Archive data used in transportation systems operations. In addition, data in support of programming decisions by regional partners will also be compiled and maintained.

Products and Key Dates:

*Regional Indicators* to be provided at the summary level include freeway performance data for 2010 (Travel Time Index, Planning Time Index, Congested Hours, and Congestion Scans) in May, 2011; compilation of 2010 on-time performance for various passenger transportation services in April, 2011; transit measures (trips per capita; passenger miles per revenue vehicle hour; transit connectivity; and transit oriented development; and percent of transit access in good condition), March 2011; trails plan implementation, December, 2010.

*Regional Indicators* to be provided with in-depth evaluation include incident response (June, 2011); at-grade highway-rail crossing delay (April, 2011); walkability and bikeability, measured by level of service (February, 2011); inter-regional destinations served from Chicago (October, 2010);

*Regional Indicators* for which detailed evaluations have been produced and for which updates will be prepared by June, 2011, include the following: vehicle miles traveled; mode share; auto ownership; and bridge condition. Updates to reports on roadway pavement rideability; intermodal freight connector pavement conditions; crash rates per capita and per vehicle miles traveled will take place by January, 2011.

A key product available by June, 2011 deserves special mention. Data in support of programming decisions will be prepared. This data will include traditional data like bridge and pavement conditions and crashes, but also such CMAP-compiled data as congestion, freight volumes, and projected traffic growth. This information will be supplemented by the regional data archive (a product of the ITS project). Second, operational data will be maintained in a regional data archive. A demonstration application will include highway volumes and speeds as well as incident data. By compiling these together, the data archive will be able to answer system operators' questions like "what happens when..." and "what can I expect now?"

#### **1<sup>st</sup> Quarter Progress:**

In the first quarter, progress centered on the development of the Regional Data Archive. Staff is working to develop an archive of traffic and transportation system data. A contract was signed with Berkeley Transportation Systems to provide a user service for the archive data, using a Web interface. This demonstration is beginning with a month of data, and will include incident and traffic data for region-wide expressways, weather, as well as arterial roadways in Lake County. Analyses will be prepared at levels from individual detectors to region-wide data. It is anticipated that this demonstration will be complete by June, 2011.

Staff also investigated improvements to the summer data collection program. The concept is to buy data collection equipment to automate some of the intersection data collection activities, reducing the staff needed to continue this program, while also enabling remaining staff to engage in more requested data collection for CMAP's needs and those of local communities.

A compilation of *Travel Tracker* survey data showing travelers in motion by time of day by mode or trip purpose is posted at <http://www.cmap.illinois.gov/cmp/measurement>. Staff also finished a draft analysis of speed limit compliance data for arterial highways; this is expected to be posted to the same page shortly.

#### **2<sup>nd</sup> Quarter Objectives:**

In the second quarter, work will continue on the Regional Data Archive. In addition, work will also proceed on the data collection activities outlined above, including maintenance of the MetroPulse data.

### **Congestion Management Strategy**

Project Manager: Tom Murtha

Team: Frank, Nicholas, Rodriguez, Schmidt

Description: In cooperation with our partners, this project identifies, evaluates, and supports implementation strategies to address regional congestion consistent with the *GO TO 2040* Plan. The project provides primary input for the Congestion Management Process. To implement this strategy, the Regional Transportation Operations Coalition (RTOC) will be an institutional forum and structure where regional operations can be addressed across jurisdictional boundaries to improve transportation system performance. RTOC will encompass all the aspects of transportation management and operations in the northeastern Illinois region. The coalition would help advocate for the collaboration and coordination in: regional data archiving and system monitoring; traffic signalization improvement, including transit signal priority, as appropriate; freight/intermodal management; arterial and freeway management; cooperative funding; construction coordination; innovative operations project identification ; and bottleneck identification and elimination. Specific RTOC endeavors for 2011 include truck operations program planning and implementation, oversight of the regional transportation data archive, and working toward a regional or state-wide advanced traveler information system.

In addition, reports and briefing papers will be prepared to provide information on strategies useful to communities and partner agencies in their efforts to address congestion in northeastern Illinois.

Products and Key Dates: Quarterly RTOC Meetings (September, December, March, June); Updated Congestion Management Process Documentation (October, 2010); Regional Data Archive (Continuing Contract);

*Community Briefing Papers* on Strategies to Address Congestion: These papers will provide practical guidance for communities and partner agencies to work toward multi-jurisdictional solutions for congestion. Planned papers include Access Management (August, 2010); Roundabouts and Innovative Intersections (October, 2010); Arterial Incident Management (December, 2010); Non-Traditional Commutes (suburb-to-suburb, city-to-suburb, and telecommuting) (February, 2011); Parking Management (April, 2011); addressing High-Traffic-Growth Areas (May, 2011), and Integrated Corridor Management (June, 2011).

*Technical Paper* on congestion management. This study will explore some of the mechanics of traffic operations, using data from the Regional Transportation Data Archive. Proposed analyses include detailed studies of incidents and congestion, evaluating the effectiveness of reactive strategies (incident management) and proactive strategies (crash prevention, speed management, integrated corridor management) June, 2011.

**1<sup>st</sup> Quarter Progress:**

The technical paper for the Congestion Management Process was begun. The draft of the first section was posted at <http://www.cmap.illinois.gov/cmp/policy>, and was presented to the Council of Mayors Executive Committee.

In order to provide technical resources and training for regional transportation operations, CMAP initiated the *Green Signals* blog in July. The Blog is at <http://www.cmap.illinois.gov/green-signals>, and has been well-received.

**2<sup>nd</sup> Quarter Objectives:**

Work will continue on the Work is expected to ramp up on the community briefing papers described above. A meeting of the Regional Transportation Operations Coalition is being scheduled for early November.

**Freight Planning**

Project Manager: Tom Murtha (interim)

Description: In cooperation with our partners, this project identifies, evaluates, and implements, as appropriate, strategies to address regional freight needs. The project also addresses the impact of freight on regional communities. Freight planning in FY 2011 will focus on operations issues, such as truck routes, clearances, intermodal connectors, delivery times, and parking.

Products and Key Dates: Regional Freight Snapshot (December, 2010); Locally Designated Truck Route Inventory Update (March 2010); Delivery Time and Truck Parking Report (June 2011).

**1<sup>st</sup> Quarter Progress:**

CMAP engaged in its first analysis of NAVTEQ Transport truck-related information, purchased at the end of FY 2010. CMAP has started to work with the City of Chicago Department of Transportation on a project to improve the truck route system in Chicago. Information in this system includes bridge and viaduct information (clearances and weight postings), NHS Intermodal connectors, land use, and like data. Owing to the detailed information required, this project requires substantial effort and analysis.

The Freight Committee met twice. The September meeting was particularly interesting, as a speaker addressed how many MPOs around the country were addressing issues like those at faced at CMAP, particularly truck route identification and improvements.

**2<sup>nd</sup> Quarter Objectives:**

During the 2<sup>nd</sup> quarter, staff will complete the regional freight snapshot (technical data compilation) and make substantial progress on the truck route improvement project. Staff also will initiate the process to hire a new freight system planner.



## **Intelligent Transportation Systems (ITS)**

Project Manager: Claire Bozic

Team: Schmidt, Dubernat, Wu, Zhang

Description: This project supports regional Intelligent Transportation Systems (ITS) implementation within the metropolitan transportation planning process. ITS facilitates more efficient use of transportation resources by providing information on incidents, congestion, and other operations characteristics. ITS is used for both transportation planning and daily operations.

The Regional Transportation Data Archive is a major new component of the CMAP ITS program. The project will be to design and implement a Web-based data exchange medium for archived transportation data. This is intended to consolidate the archive objectives of the region's ITS program with the objective to offer partner agencies a Web-based data exchange medium for archived transportation data. A demonstration application will include highway volumes and speeds as well as incident data. By compiling these together, the data archive will be able to answer system operators' questions like "what happens when...", and "what can I expect now?"

The staff will also provide regional support for the development of a real-time traveler information system and other ITS infrastructure initiatives expected to be developed by partner agencies.

Products and Key Dates: Regional ITS Infrastructure (continuous maintenance); Regional Data Archive (June, 2011); Regional ITS support (continuous).

### **1<sup>st</sup> Quarter Progress:**

As noted above, in the first quarter, progress centered on the development of the Regional Data Archive. Staff is working to develop an archive of traffic and transportation system data. A contract was signed with Berkeley Transportation Systems to provide a user service for the archive data, using a Web interface. This work is tightly integrated with the CMAP performance monitoring work program.

### **2<sup>nd</sup> Quarter Objectives:**

Continue progress on the Regional Data Archive.

## **Bicycle and Pedestrian Transportation Planning**

Project Manager: John O'Neal

Team: Murtha

Description: In cooperation with our partners, this project identifies, evaluates, and implements strategies to facilitate walking and bicycling in the region, including access to transit. The project also addresses public right-of-way accessibility for people with disabilities and the safety of walkers and cyclists. The project concentrates on providing technical information

to partner agencies and local communities through such activities as our *Soles and Spokes Workshops* and our unique *Soles and Spokes Blog*.

**Products and Key Dates:** Address an expected forty requests by partner agencies for bicycle and pedestrian planning information (thirty reports per year plus ten additional low-level responses); update bikeway information system (June, 2010); provide technical planning information in support of walking and cycling through the *Soles and Spokes Blog* (2-3 blog entries per week); eight community *Soles and Spokes* Safe Routes to School Workshops and two regional process and procedure workshops on applying for funding (October, 2010); annual update of bike-ped crash data (January, 2011); community briefing papers and web-based resources providing technical information on technical aspects of bicycle and pedestrian planning, including safety, facility planning, and good design practices (5 briefing papers and 10 web resources by June, 2011); data and analysis in support of improved bike-ped project programming to support congestion mitigation, taking into account access to transit (January, 2011).

### **1<sup>st</sup> Quarter Progress:**

- Ongoing content posts and maintenance of “*Soles and Spokes*, CMAP Bicycle and Pedestrian Planning Blog” (<http://cmap.illinois.gov/solesandspokes/>). The blog continues with its stated purpose of offering “the latest bicycle and pedestrian news, planning resources, and opportunities for funding and training.” The blog covers all topics related to non-motorized transportation, including design and operations, education and encouragement programs, safety, policy guidance, funding programs, and the relation of biking and walking to personal health and to healthy communities.” The blog has a regional focus, but covers national and international news, events, and resources when appropriate. The blog currently (10/5/2010) has 136 posts. Feedback from users (stakeholders, professionals, the general public) continues to be positive. We have exceeded our goal of an average 2-3 posts per week and have consistently averaged 3-4 posts per week.
- Ongoing outreach to bicycling and pedestrian planning partners and stakeholders in order to publicize and raise awareness of the *Soles and Spokes* blog.
- Organized and held kick-off meeting (July 2010) with the vendor (Active Transportation Alliance) under contract to plan and produce eight, one-day Safe Routes to School Community Workshops (CMAP Soles and Spokes workshops). The workshops are based on the SRTS National Course, developed by the National Center for Safe Routes to School, who certifies the instructors.
- Prepared materials (aerial photography and GIS maps) for use in the SRTS Community Workshops and worked with consultant to deliver course. To date, three of these workshops have been held – in Elmhurst, Tinley Park, and Lynwood. The first, in Elmhurst, was slightly under-attended (8 persons); the next two workshops exceeded attendance goals, with 20 and 15 attendees, respectively. Four of the remaining five

workshops are scheduled. The locations for these are Aurora, Winfield, Batavia, and Steger.

- (On-going) planning and organization for two, half-day Safe Routes to School workshops, in partnership with IDOT, focusing on ‘how to apply’ for SRTS funding in Illinois. These workshops will be held in two locations: at CMAP offices (October 8), and in Bolingbrook (October 7).
- (On-going) planning and organization for two, two-day FHWA/PBIC courses on “Designing for Pedestrian Safety.” These workshops, co-sponsored by IDOT and CMAP, address pedestrian safety issues through design and engineering solutions. They are intended for IDOT and County engineering and planning staff (Schaumburg) and local government and consulting engineers (Chicago). The workshops will be held in two locations: at CMAP offices (October 28-29), and Schaumburg (October 26-27).
- As IDOT, county DOTs, and consultants have initiated projects with newly approved funds, staff continues to provide detailed bicycle and pedestrian planning information at their request. These responses include maps integrating land use, transportation, and safety information and data for area adjacent to project site (1-mile buffer area), as well as comprehensive policy, design, and engineering guidance and recommendations. So far in FY 2011, six of these information requests have been addressed. We continue to work on these requests on a ‘priority ranking’ basis, with the most sensitive or important projects being addressed first. We continue to coordinate and consult with local and sub-regional officials and organizations in order to insure local input. This, it should be noted, can add substantially to the ‘turn-around’ time. An especially important response this quarter, which involved extensive local communication, was for the IDOT CSS project on Willow Road, from I-94 to Waukegan Road in Northbrook.
- Completed analyses and maps for DuPage County’s FY2011 STP TCM program bicycle and pedestrian projects.
- Completed CMAP review and evaluation of IDOT FY2010 Cycle 9 ITEP project applications for District 1 and (partial) District 3. Over 200 project applications were received (requesting a total of \$370M – with approximately \$80M available). Review and evaluation was completed in less than two weeks. (I created a document showing the timeline of the process from notification by IDOT of an October 1 deadline for comments to the completion of our review [on time]).
- Created and provided Strategic Regional Bicycle and Pedestrian System map for the South Suburban Mayors and Managers Association jurisdiction. Provided BIS data and Manual to consultant contracted for Project Management Oversight to IDOT Bureau of Railroads for the CREATE project and its accommodation of bicycles and bikeways.
- Continued work as moderator for panel discussion at Chicago Humanities Festival on ‘bicycling and the city’ (Nov. 2010). Panel title: *Bicycling and the Body (Politic)*. Panel participants: Harry Wray (Professor, DePaul University); Randy Neufeld (SRAM Corp.); Greg Borzo (Author); Julie Hochstadter (Chainlink). Festival and [event website](#) went live August 12.
- Continued work on executive planning committee for the *ThinkBike Workshop: A Dutch Approach to Cycling in Chicago*. The [workshop](#) and related events took place September

23 and 24, with sponsorship by the Consul General of the Netherlands, Fietsberaad, IDOT, and CDOT.

- Represented regional interests in walking and cycling at various meetings, conferences, and with partner organizations (FHWA Pedestrian Safety Focus States, SRTS State Network and Northeastern Illinois Task Forces, IDOT IBCWG, INDR IGTC and GIT Executive Committee, City of Chicago MBAC and MPAC; Cal-Sag Trail Working Group; NWMC and other COMs, etc.)
- Participated in preliminary planning meetings to form a Transportation Steering Committee for the active transportation element of the Cook County Putting Prevention to Work (CPPW) grant program, which CCDPH and the Public Health Institute of Metropolitan Chicago were awarded. Agreed to serve as the CMAP representative to this Committee. The Committee will provide guidance and technical assistance for non-motorized transportation planning and policy development, including a plan for implementing the Cook County Complete Streets Policy.
- Organized and held Bicycle and Pedestrian Task Force meeting (July 15, 2010). Composed minutes. Began organization of next Bicycle and Pedestrian Task Force meeting (October 18, 2010).

## **2<sup>nd</sup> Quarter Objectives:**

- Continue to improve the content of and to leverage opportunities to promote and create awareness of the CMAP Soles and Spokes Bike-Ped blog.
- Continue to address IDOT and other agency requests for bicycle and pedestrian planning information.
- Continue to obtain, analyze, map, and summarize pedestrian and bicycle crash data.
- To successfully complete all the 2010 *Soles and Spokes* Safe Routes to School Community workshops and the other major training opportunities we are currently sponsoring – FHWA course, *Designing for Pedestrian Safety*, and SRTS “How to Apply” workshops.
- Hold a number of meetings with participants in the Chicago Humanities Festival panel discussion; refine the content and topics to be discussed and prepare lead-in remarks, together with an audio/visual material needed.
- Continue work with IDOT, Council of Mayors, and the Cook County CPPW Transportation Committee and other stakeholders and groups to develop effective implementation policy and procedures for non-motorized transportation (especially Illinois’ and Cook County’s Complete Streets policies).
- Promote public right-of-way accessibility.
- Maintain facility and plan inventories.

## **LOCAL PLANNING SUPPORT**

Program Oversight: Management Staff, Bob Dean

GO TO 2040 supports the efforts of local governments to improve livability within their communities and to encourage a future pattern of more compact, mixed-use development that focuses growth where transportation infrastructure already exists. The plan will recommend that local governments pursue opportunities for development of this type, while recognizing that the interpretation and application of these concepts will vary by community.

### **Compendium of Plans and Ordinances**

Project Manager: *new land use planner*

Team: Banks, Okoth, Ostrander, interns

Description: This project will collect and analyze comprehensive plans and zoning ordinances from municipalities around the region. It will review them for their inclusion of key planning issues and prepare standard metrics by which they can be summarized. From this, technical assistance from CMAP to local governments can be more effectively targeted.

Products and Key Dates: Ongoing.

#### **1<sup>st</sup> Quarter Progress:**

Project scoping begun.

#### **2<sup>nd</sup> Quarter Objectives:**

Project scoping will be completed to align with Sustainable Communities Initiative and the adoption of GO TO 2040.

### **Technical Assistance to Local Governments**

Team: Aleman, Delano, Deuben, Hallas, Heringa, Okoth, Ostrander, Rademacher, other staff from Planning and Community and Technical Assistance

Description: This project includes CMAP's technical assistance activities that involve working directly with local governments. One aspect of technical assistance involves software tools to assist in local planning. Software tools involve the Return on Investment (ROI) tool, which helps municipalities to determine the financial feasibility of development projects; software such as MetroQuest or the Centers Toolkit; and expansion and enhancement of the Full Circle program to cover additional communities across the region. Economic impact analysis, which is used to assist economic developers and planners in making informed decisions related to economic development activity in their area, will continue as part of this project. A component of this project will also involve support for local green initiatives, including energy and green building best practices and support for the green economy.

Products and Key Dates: Ongoing.

#### **1<sup>st</sup> Quarter Progress:**

Project scoping begun.

#### **2<sup>nd</sup> Quarter Objectives:**

Project scoping will be completed to align with Sustainable Communities Initiative and the adoption of GO TO 2040.

## **Model Ordinances, Ordinance Review, and Alternative Land Use Regulation Systems**

Project Manager: *new land use planner*

Team: Ahmed, Aleman, Baden, Banks, Deuben, Elam, Okoth, Ostrander, Williams-Clark

Description: A focus of CMAP's work on local issues in FY 11 will be ordinances and other development regulations. This project will provide technical assistance directly to local governments, with their full participation. CMAP will prepare model ordinances or codes that address various challenging planning issues, like energy efficiency and water conservation ordinances, housing rehabilitation codes, including local food planning within comprehensive plans, and parking regulations. This project also involves working directly with communities as case studies for the implementation of these ordinances. CMAP will also work with communities on the review of existing ordinances to understand their impacts if fully implemented, and will research and communicate regulatory systems such as form-based coding. A particular focus of this work will be on housing, and will feature technical assistance meant to develop a balanced supply of housing through locally appropriate strategies; this will be linked with planning for transportation and land use.

Products and Key Dates: Survey key stakeholders to determine focus of ordinance updates (fall 2010); develop at least three model ordinances on relevant topics; work directly with at least one community for each model ordinance to customize it for their implementation. Work with communities on request and as needed to review existing ordinances and address housing strategies.

### **1<sup>st</sup> Quarter Progress:**

Project scoping begun.

### **2<sup>nd</sup> Quarter Objectives:**

Project scoping will be completed to align with Sustainable Communities Initiative and the adoption of GO TO 2040.

## **Livable Communities Grant Program**

Project Manager: Bob Dean

Team: Ahmed, Aleman, Baden, Banks, Deuben, Elam, Okoth, Ostrander, Williams-Clark

Description: This project will provide grants to local governments to support the preparation of comprehensive plans and ordinance revisions to implement these plans. It will be highly coordinated with RTA and IDOT, who may offer similar grant programs. Also, the project will conduct supporting research on application of transit-supportive land use outside of traditional transit-oriented development locations and increased intergovernmental

coordination.

Products and Key Dates: Develop application materials and requirements (fall 2010); issue call for projects and select initial recipients (winter-spring 2011). Other activities are likely to continue into FY 12.

**1<sup>st</sup> Quarter Progress:**

Project scoping begun with RTA coordination.

**2<sup>nd</sup> Quarter Objectives:**

Project scoping will be completed.

**Planning Commissioner Workshops**

Project Manager: *new land use planner*

Team: Aleman, other outreach staff

Description: A series of training workshops for Planning Commissioners will be provided, covering issues such as the importance of updating the comprehensive plan, consistency of local ordinances, legal issues in planning, and placing local land use decisions within a regional context.

Products and Key Dates: Hold at least two Planning Commissioner trainings.

**1<sup>st</sup> Quarter Progress:**

Project scoping begun.

**2<sup>nd</sup> Quarter Objectives:**

Project scoping will be completed to align with Sustainable Communities Initiative and the adoption of GO TO 2040.

**Technical Assistance Providers Coordination**

Project Manager: Stephen Ostrander

Description: Coordination between CMAP and its partners of technical assistance that helps implement *GO TO 2040* recommendations at the local level.

Products and Key Dates: Technical Assistance Providers Committee: monthly meetings of core group, with representation from the Chicago Community Trust, Chicago Metropolis 2020, Center for Neighborhood Technology, Metropolitan Mayors Caucus, Metropolitan Planning Council, RTA, ULI Chicago, and county government (begins November 2010); inventory of technical assistance projects and resources of core members (November 2010).

**1<sup>st</sup> Quarter Progress:**

With the completion of *GO TO 2040*, plans for implementation of its recommendations include the need to coordinate technical assistance at the local level being provided by CMAP and its

partners. With this in mind, a new Technical Assistance Providers Committee has been formed, at present composed of a core group of representatives from partner organizations, agencies, and county government that provide technical assistance at the local level, along with the Chicago Community Trust representing the philanthropic community. Progress during this quarter was limited to planning for this new committee.

#### **2<sup>nd</sup> Quarter Objectives:**

- Meet with core group on October 4 to determine the mission, workplan, and membership of new committee.
- Determine when new committee will meet each month, along with draft schedule for focused discussion on different *GO TO 2040* recommendation area each month (please see below).
- Assemble comprehensive inventory of technical assistance projects and resources of core group members, through interviews with each organization/agency (mid/late-October), with draft inventory completed by first official meeting of committee in November.

#### **External Data Request Coordination**

Project Manager: Jon Hallas

Team: Clark, Okoth, Perpignani, Rademacher, other relevant staff from other administrative groups

Description: This project will document all technical assistance and data requests to the agency. Staff members regularly receive requests from local/county governments and a wider audience. All responses to data and information requests received are documented. These responses provide municipalities with information and research assistance in areas such as demographics, socioeconomics and economic data.

Products and Key Dates: Responses to requests and quarterly reports on staff activity (ongoing and quarterly); Census data reports on Web site (ongoing); responses to FOIA requests (as needed)

#### **1<sup>st</sup> Quarter Progress:**

- Updated FOIA templates for CMAP to comply with the revised FOIA.
- Discussed with Mr. Wies and Ms. Zhang major steps toward preparing for December release of US Census Bureau 5-year ACS estimates.
- Responses were prepared and sent to 40 persons requesting data/information.
- Completed the request form for data/information for the CMAP website with help from Ms. Holub.
- Met final obligations to the Aurora Neighborhood Revitalization Strategy Amendment process by participating in the final public meeting and providing the most recent US Census data for the study area.
- Hosted and provided organizational support for the “2007 Economic Data Conference”, presented by the US Census Bureau. Forty-two persons attended.



- Attended Economic Modeling Specialists Inc. (EMSI) webinar introducing their products and services. CMAP holds a contract with EMSI to provide economic data.
- Provided technical and organizational assistance for “How Can a Community’s Plan Yield Federal Dollars?” webcast Aug. 3, with presentation by Michael McAfee, HUD, Susan Kaplan, IRN, and Deborah Orr, US EPA. 27 persons attended.
- Provided technical and organizational assistance for the webcast titled “Introduction to the Brownfield Inventory Tool – BIT”. The event was held on August 12 with presentations by Dr. Blasé Leven, Associate Director, Center for Hazardous Substance Research, Kansas State University, with Ryan Ames, Research Associate, CMAP. Deborah Orr, Brownfields Coordinator, US EPA Region 5, served as moderator. Six persons attended.
- Coordinated efforts with other CMAP staff and the Active Transportation Alliance to train new Cook County Department of Public Health (CCDPH) staff on fundamentals of planning. My presentation focused on CMAP’s responsibilities, GoTo2040, and technical assistance. Other CMAP topics included, on GoTo2040, on historical links between planning and public health, and on the CMAQ program. Five ATA staff also made presentations and twenty-two CCDPH staff attended. The program was held at the Oak Park Main Library on August 19.
- Documented the discussion held by the Planning Law Manual Advisory Committee meeting on September 8.
- Took initial steps to organize and schedule Planning Commissioner Workshop series.

## **2<sup>nd</sup> Quarter Objectives:**

- Complete organization and implementation of all aspects of Planning Commissioner workshops including content, materials, scheduling, catering, publicity, guest speakers. Programs will be conducted from November (2010) through May (2011) in nine locations throughout the region.
- Participate in discussions by the Planning Law Manual Advisory Committee leading to the final version of the manual and its promotion, publication and distribution.
- Complete all preparations for making US Census 5-year ACS estimates for the region available on the CMAP website. Tasks include anticipating and listing potential data requests, identifying corresponding tables needed to respond to requests, noting distinctions between Census products such as Census 2000 and 1-year, 3-year and 5-year ACS estimates and preparing and formatting data for the CMAP website.
- Discuss potential webcast or conference programs for the Grants Academy series held with US EPA, and Illinois ResourceNet.

## **Midewin Alternative Transportation Study**

Project Manager: John O’Neal

Team: T. Fifer, L. Heringa

Description: The Midewin Alternative Transportation project utilizes the FTA's Alternative Transportation in the Parks and Public Lands program to create a plan for linking the Midewin National Tallgrass Prairie to the greater Chicago metropolitan region. The study will review and evaluate options for bringing residents from metropolitan Chicago to Midewin by means other than the private motor vehicle, and address the greater challenges of carrying metropolitan visitors from an urban context to a native prairie environment.

Products and Key Dates: An Alternative Transportation study (ATS) for Midewin Tallgrass Prairie (September 2010).

**1<sup>st</sup> Quarter Progress:**

- CMAP staff finalized scope of work changes to the consultant's (AECOM) contract, adding tasks and deliverables associated with the development of opportunities and ideas for the co-promotion and -marketing of the Prairie, the development of an Illinois Route 53 multimodal parkway concept functioning as an 'entranceway' to Midewin, and the organization and a kick-off meeting for the Local Planning Council (comprised of representatives from neighboring municipalities, Will County Land Use Department, the Will County Forest Preserve, and the Abraham Lincoln National Cemetery). CMAP staff and the consultant team organized and held meetings with these and other entities in preparation for the Local Planning Council meeting, in order to describe the Midewin Alternative Transportation Study, gain information on local plans, and gauge the level of interest in co-marketing and other partnering opportunities among local and neighboring entities.
- CMAP staff also negotiated and finalized the scope of work and contract with Volpe Center to review and revise ATS study documents in the context of the national program and assist in the task of developing 'next steps' and an implementation grant proposal.
- CMAP staff continued to advance and guide the development of the work tasks and products associated with the original and expanded consultant scope of work, including major work on sections of the final report, and preliminary design and 'mock up' of the final report, including overall structure, table of contents, and cover design.

# **INFORMATION TECHNOLOGY MANAGEMENT**

Program Oversight: Matt Rogus

This program provides for the design, acquisition, deployment and management of computing and telecommunications resources at CMAP. This program also facilitates the electronic exchange of raw data within and between CMAP and other agencies and organizations.

## **Internal Hardware and Software Management**

Project Manager: Matt Rogus

Team: DuBernat, Stromberg, Tiedemann, contract support

Description: CMAP's daily operation depends on a robust and functional computer network for data analysis, work program documentation and employee communications. This project consists of daily management and monitoring of internal computer network performance. It includes the acquisition, licensing, installation and maintenance of all software applications, as well as server hardware systems and other related equipment. It also provides limited user-support to CMAP employees.

Resources: Server and workstation hardware, data storage, desktop software applications.

Products: Agency data products, documentation, and employee communications.

### **1<sup>st</sup> Quarter Progress:**

- Completed reinstallation of all networking and server equipment in renovated Data Center
- Implemented new spam filtering system (Postini)
- Implemented upgrade to ArcGIS 10 throughout office
- Implemented upgrade to Adobe CS 5 throughout office
- Implemented upgrade to Microsoft Office 2010 along with new employee purchase program
- Met with MEPFP consultants to create proposal for Data Center expansion project Phase 2 Electrical Upgrade
- Met with MMC group and created plan for IT system integration with CMAP infrastructure
- Continued to research options for new A/C maintenance services
- Continued working on Aerial imagery archive, this included reviewing scanned images and supervising H.S. interns, forty-nine (49) 1970 townships have been completed in Cook, Kane, Lake, and McHenry Counties
- Implemented new hardware for Domain controller upgrade project
- Implemented new high speed backup system for daily and weekly jobs
- Completed implementation of new mobile LCD flat panel displays for meeting rooms
- Began implementing new PC hardware for replacement of retired equipment
- Began implementing new hardware for network storage
- Began implementing new hardware for server upgrades
- Continued implementing Windows 7 OS on General use laptops and staff PCs

## **2<sup>nd</sup> Quarter Objectives:**

- To continue scanning 1970 Aerial imagery for archive project
- To implement upgrade to Microsoft Exchange 2010
- To implement new Virus protection system (Microsoft Forefront Security)
- To continue implementing new Microsoft licenses
- To complete implementing Windows 7 OS on General use laptops and staff PCs
- To continue implementing new PC hardware for replacement of retired equipment
- To continue implementing new hardware for server upgrades
- To continue implementing new hardware for network storage
- To continue implementing new backup system strategies and equipment
- To test and recommend solution for integrating mobile LCD flat panel displays with main projector in Cook county meeting rooms
- To contract with new A/C maintenance vendor for server room A/C units
- To begin creation and implementation of RFP for General Contractor for Data Center expansion project Phase 2 Electrical Upgrade
- To select and contract with MEPFP consultant for Data Center expansion Phase 2
- To select and contract with General Contractor for Data Center expansion Phase 2
- To begin construction of Data Center expansion project Phase 2
- To continue working on colocation Business Continuity project
- To continue researching colocation and failover options for CMAP local network
- To continue researching Business Continuity options for IFAS system
- To implement robust computing solution for transportation modeling

## **Web Environment Management**

Project Manager: Lance Tiedemann

Staffing: Holub, Sanders, Stromberg, Rogus, contracted support

Description: CMAP currently relies heavily on Web-based communication to carry its planning and policy messages. Internally, document management has reached critical mass requiring a structured content management system. Web-based data services are still in the development stages, but will become increasingly central to agency deployment of technical analysis content.

This project consists of daily management and monitoring of internet and Web services at CMAP. It includes technical administration of CMAP's production Web services including the main Web site and the agency SharePoint intranet.

Resources: Web servers and software applications

Products: CMAP Website, SharePoint Intranet, Web data servers

## **1<sup>st</sup> Quarter Progress:**

- Began system upgrades for web developers

- Organized ongoing efforts with Northridge and Falkor to identify and fix the source of server instability
- Work with administration staff in populating Administration Resource Site and Document Library on the SharePoint intranet as well as presenting the new site to the staff
- Performed data transfer from NDD website to in-house database and completed the site shutdown process
- Assisted with the ongoing development of the CMAP website under construction
  - Performed ongoing data backups and transfers from old site to new site
  - Organized purchase of licenses for a production and a staging environment
  - Worked with consultant to setup all necessary connection settings for CMAP staff
  - Worked with communications staff and consultant on initial Liferay training for staff
- Setup a contract extension for CMAP website hosted by Websolutions
- Provided ongoing Ektron support to CMAP staff (recovering lost form data, setting up additional navigation links, data download issues, etc.)

## **2<sup>nd</sup> Quarter Objectives:**

- To complete refresh of web development team systems
- To implement hardware and software for WEAVE project
- To implement hardware upgrade for ArcGIS server
- To implement hardware upgrade for ArcSDE
- To implement new hardware for upgraded web server for Indicators project
- To implement interactive email system for web environment and Indicators project
- To assist in the rollout of the new CMAP website
- To archive all necessary data before shutting down CMAP's legacy websites
- To resolve SharePoint stability issues
- To complete training material for staff training in SharePoint project sites

## **Office Systems Management**

Project Manager: Penny Dubernat

Staffing: Brown, Kelley, Rivera

Description: Staff productivity depends on robust systems for managing office operations. This project includes technical support of office support systems including telephone, fax, copiers, etc.

Resources: Software applications, telephone system

Products: Telephones, computer peripherals.

## **1<sup>st</sup> Quarter Progress:**

Telephones- 19 items were reported, 18 items are closed, 1 is still outstanding

- Phone service assignments were made for new staff and terminated for separated staff
- The new Domain Controller caused problems with the voicemail system, these issues were resolved
- The new voicemail RFP was released
- The phone server Microsoft updates were reviewed, approved and applied
- Phantom phone line was created for to allow RSVPs to be recorded for launch event
- First Communications, Verizon & CCC Technologies invoices were reviewed and approved for payment

Teleconferencing-4 items were assigned, 4 items were closed

- Teleconferencing accounts were established for new staff
- GlobalCrossing invoices were reviewed and approved for payment

FN01 SQL Server-6 items were assigned, 5 items were closed, 1 item is outstanding

- Installation of PC product software was installed on new PCs and classroom PCs for IFAS CDD class
- Server errors were addressed and corrected
- SQL Server class was completed

SharePoint-1 item was assigned and 1 item is still outstanding

IFAS-27 items were assigned, 5 items are outstanding

- User login problems were resolved
- The GUSERS account was re-created
- RDP issues were resolved
- New ELF forms were arranged with SunGard
- Workflows were restarted
- Webinars with US Bank were attended with Lorrie Kovak
- Research on 2010 W-2 reports was conducted with IRS
- Research on new taxing requirements was conducted regarding reporting of employer health insurance amounts on W-2 for 2010
- Worked with George Rivera and Matt Rogus in tagging new assets and preparing auditors report

ES-202 Date Project-1item was assigned, 1-outstanding

## **2<sup>nd</sup> Quarter Objectives:**

Telephones- 1 outstanding item, 4 additions

- Reconnect the telephone in the Northeast Workroom
- Assigned new telephone service to new staff as needed
- Finalize new telephone support vendor contract
- Work with Dorianne Preer to correct Night Greeting
- Review First Communications, Verizon and CCC Technologies invoices and approve for payment

Teleconferencing-2 item added

- Establish teleconferencing accounts for new staff as needed
  - GlobalCrossing invoices will be reviewed and approved for payment
- FN01 SQL Server- 1 item is outstanding, 1 item was added
- Establish maintenance procedure for IFAS pending ASP contract with SunGard
  - Address server errors and correct as necessary
- SharePoint- 1 item outstanding, 1 item added
- Complete Basic User's Manual for SharePoint
  - Conduct Basic SharePoint User's Class
- IFAS- 5 items outstanding
- Follow up with SunGard regarding the PY ELF form with PY edits. Scheduled for Oct. Spring
  - Create EFT email workflow
  - Follow up with Dorienne regarding approval of SERS EFT File
  - Process RedBeam Asset Management Software Renewal
  - Follow up with SunGard regarding status of Leave Request Form-Scheduled on October Sprint
- ES-202 Date Project- 1-outstanding, 1 added
- Proof of Concept project to establish guidelines for determining when Access or SQL server is appropriate for a data project. Working with Dave Morck
  - Final report on ES-202 Proof of Concept Project

## **User Support**

Project Manager: Ben Stromberg

Description: Serve as training and instructional resource for internal users. Serve as technical intermediary in resolving IT related problems encountered by CMAP staff.

Products: Documentation of training and instructional resources. Documentation of IT-related problems encountered by CMAP staff.

### **1<sup>st</sup> Quarter Progress:**

- Created a spreadsheet that now documents who received what PC and which models have been re-imaged and deployed. All known laptop models and most desktop models have been captured on the network.
- Began using Microsoft SCSM helpdesk software. This allows all IT requests to be documented with a solution, problem category, status of problem, number of requests, workflow, email alerts, and more.
- Continued to return Viewsonic VX1940w monitors for repair. All of them but five have been fixed.
- Began to switch over CMAP staff to the Windows 7 operating system.
- Assisted in the deployment and support of the Microsoft Office 2010 upgrade.

### **2<sup>nd</sup> Quarter Objectives:**

- Implement Help Desk software to all CMAP staff.

- Upgrade all staff to the Windows 7 operating system.
- Continue to replace Viewsonic monitors until they have all been repaired.
- Continue to update image models and document IT requests.

## **Internal Data Library Management**

Project Manager: Xiaohong Zhang

Team: D. Clark, Fifer, Sanders, ETL interns

Brief Description: Manage and maintain CMAP data library. Acquire and catalog new data.

Retire obsolete datasets. Establish protocols for meta-data and attribution. Enforce proprietary dissemination and license agreements.

Products and Key Dates: Documentation of data library management practices; a well organized and easy-to-use catalog of CMAP data assets for internal use and public review; implementation documentation (ongoing).

### **1<sup>st</sup> Quarter Progress:**

#### **Data Depot:**

- Acquired over 50 datasets for Data Depot. Sent out an announcement to alert our staff for the new additions.
- Created a spreadsheet that tracks receipt/uploading of data onto the Data Depot.
- Upgraded the metadata files after the deployment of the Arc 10. Data Depot user guides have also been updated to reflect changes in the Arc 10 environment.
- Assembled an ACCESS database to keep track of all GIS data contacts with the various public agencies we deal with, including links to current data sharing agreements and data update info.
- Discussed about the goals for internal library management for the new fiscal year.

#### **Indicators Project:**

- Along with interns, conducted QC inspections for several hundred data tables for indicators project and created metadata for them. Extracted over 130 data tables to the web data form.
- Started to integrate the Indicators Project data with Data Depot data library.

#### **Census Data Release:**

- Census Release Preparation: A list has been generated to summarize all acquired census data.

#### **Proprietary Data:**

- Provided Tara with data users information and data formats for the licensed data.
- Proprietary data extract/backup: quarterly extract for the D&B data has been done.

### **2<sup>nd</sup> Quarter Objectives:**

#### **Data Depot:**

- Continue updating the Data Depot as new datasets come in.



- Create Metadata User Guide to reflect changes in Arc 10 Environment.
- Start to automate data acquisition process wherever applicable.
- Finalize the work plan for the Data Depot/SDE and discuss with various stakeholders.
- Resume the work for aerial photography once ArcGIS Server is installed on SQL04.

**Indicators Project:**

- Continue working with interns on the QC and metadata work. Extract as many web ready datasets as possible and populate the DatIDs so as to maximize the web presence of the finished datasets.
- Complete processing as many new datasets as possible for the indicators that in the preliminary stages.

**Census Data Release:**

- Continue the preparation work for the December Census Data release.

**Proprietary Data:**

- Discuss with various stakeholders to start the backup or quarterly data extract process and integrate these data with the data on Data Depot.

## **REGIONAL INFORMATION AND DATA DEVELOPMENT**

Program Oversight: Management Staff, Kermit Wies

Our region relies on a strong infrastructure system for its future prosperity and livability. *GO TO 2040*'s overall approach in this area is to prioritize infrastructure investments, including both "gray" and "green" infrastructure, to gain the most long-term benefit. Prioritization requires building CMAP's modeling capacity to respond to an expanded array of recommended policy and planning strategies under consideration. This program also includes tasks needed to prepare primary datasets that originate with CMAP as well as those developed by other sources. Data collection is an important aspect of CMAP's expanded planning responsibilities. It permits the integration of environmental, transportation, housing, economic development, socio-economic and land use planning data. These efforts will be critical to establishing base datasets for evaluating projects of regional significance.

### **Advanced Urban Model Development**

Project Manager: Kermit Wies

Team: Baden, Stratton, contracted consulting support.

Description: The *GO TO 2040* scenario evaluation revealed limitations in the capacity of the current travel models to respond to the expanded array of recommended policy and planning strategies under consideration. Our understanding of many of these can be improved by pursuing an *activity-based modeling* paradigm. This new approach to modeling has been gaining support as the new "state-of-the-art" over the past 10 years and has been embraced as a model development goal among most large MPOs. This plan includes a schedule for pursuing development of stand-alone activity-based travel model components that can be put into immediate production as part of the implementation of the multi-year strategic plan for advanced modeling at CMAP. Priorities for the first year include a commodity based freight model and a personal value-of-time transportation pricing model.

Resources: Additional computing resources (possibly off-site), new commercial data requirements, resume travel survey. Implementing advanced travel model practice will likely exceed \$1.5M (including data collection) in contracts over a 5-7 year period.

Products: Supplemental Travel Survey including datasets and full documentation, June 2011. Activity-Based Model components for Freight and Pricing including functional computer code and full documentation, June 2011.

**1<sup>st</sup> Quarter Progress:**

RFPs were issued and consultants selected for two model development tasks: Logistics and Supply Chain Freight modeling and Transportation Pricing. Contracts were executed and kick-off meetings with the consulting teams were held. A project work site was established using Google Sites.

**2<sup>nd</sup> Quarter Objectives:**

Model designs, data requirements will be identified and documented. It is also desired that preliminary computer code will be deployed for examination by CMAP modelers.

**Travel and Emissions Model Update**

Project Manager: Craig Heither

Team: Bozic, Patronsky, Wies

Description: The MPO is required to find transportation plans and programs in conformity with the State Implementation Plan (SIP). The method by which this is done is prescribed by Federal regulation. The current trip-based travel models are also the primary source of forecast travel demand estimates for major capital project implementation. For over ten years, CMAP's four-step travel model and the MOBILE emissions model provided by USEPA have been used to determine conformity of the region's transportation plans and programs with the SIP for air quality. The CMAP Travel Tracker Survey is currently being applied to update several model parameters. With the adoption of the 2040 planning horizon year, the CMAP travel models should be updated and revalidated using current observed data. USEPA has recently completed development of the MOVES (Motor Vehicle Emission Simulator) emissions model and will soon require its use for conformity determinations. Because CMAP and the Northwest Indiana Regional Planning Commission (NIRPC) jointly conducted our recent travel surveys, it is our intent to proceed with fully integrating Northwest Indiana into the validated part of the CMAP model structure so that both agencies can benefit from a consistent modeling framework.

Resources: Existing survey and transportation datasets. May require new data resources.

Products: MOVES implementation, December 2010. Computer code, methods and documentation in compliance with Federal regulation, June 2011.

**1<sup>st</sup> Quarter Progress:**

- Implemented several modeling procedure improvements related to: park-and-ride trips, certain intrazonal transit trips, work attractions at airports and matrix archiving between full model iterations.
- Mostly completed validation analyses of Trip Distribution and Mode Choice models: developed analysis datasets and processing programs/methods.
- Began developing arterial and expressway detector datasets for Traffic Assignment validation analyses.
- Began developing procedures to test timetable-based transit assignment.
- Completed an initial demonstration of model procedures for NIRPC modeling staff.
- Began developing documentation for revised input datasets.

**2<sup>nd</sup> Quarter Objectives:**

- Complete validation analyses of Trip Distribution, Mode Choice and Traffic Assignment.
- Continue testing timetable-based transit assignment procedures and examine potential for using timetables to automate transit coding updates.
- Continue developing model documentation.

**Green Infrastructure Vision Refinement**

Project Manager: Jesse Elam

Team: Ahmed, Clark, Heringa, Loftus, contracted consulting support

Description: Chicago Wilderness Green Infrastructure Vision (GIV) currently provides a broad identification of the lands in the region that are most important to protect and restore. In this project, open space corridors identified in the GIV will be delineated at a finer scale so that it can guide local development and infrastructure planning, in particular by clarifying optimal areas for environmental mitigation/enhancement during transportation project delivery and describing resources that should be taken into account in local comprehensive land use and facility planning. In addition, ground and surface water protection is a known deficiency in current land use planning, which the present project would help rectify by identifying groundwater protection areas. This work will be coordinated with land management organizations such as land trusts and the forest preserve and conservation districts as well as Chicago Wilderness. Consultants would be used to carry out part of the work.

Products and Key Dates: Scope of work finalized fall 2010, initial results June 2011.

**1<sup>st</sup> Quarter Progress:**

Developed initial scoping, presented to Chicago Wilderness Green Infrastructure Vision Task Force.

**2<sup>nd</sup> Quarter Objectives:**

Finalize scoping document. Identify need for outside consultants; begin developing RFP if needed.

**Internal Forecasting Data**

Project Manager: David Clark

Staffing: Bozic, Clark, Drennan, Fifer, Heither, Morck, Pfingston, Perpignani, Stratton, Wies

Description: The credibility of CMAP forecast analyses depends significantly on our demonstration that we maintain current high-quality datasets for this purpose. These datasets are prepared internally and there is no outside data source suited to this purpose. This is formerly three projects: Socioeconomic data inventory, Transportation System Inventory, and Land Use Inventory. Now that CMAP's data environment has stabilized, some efficiencies and economies can be gained by consolidating the separate efforts. The principal elements are maintaining CMAP's planning assets as they relate to preparing population and employment forecasts for transportation and land use modeling.

Resources: Existing data sources, some new data resources likely as land use inventory and advanced models evolve.

Products: Internally developed planning datasets for modeling and analysis; documentation for developers and users, June 2011.

**1<sup>st</sup> Quarter Progress:****Land Use Inventory:**

- We have now received "official" (early 2010) versions of parcel data for all counties except Cook.
- Developed & documented procedures for classifying single-family residential properties. Currently developing procedures for classifying tax-exempt parcels.
- In production: Kane County (DCC) and DuPage County (Jan Drennan).
- Aerial Photography: 2009 aeriels are through QC, and will be delivered to the project lead (Cook GIS Dept.) shortly.

**Transportation System Inventory:**

- Imported arterial street names into the model highway network database for CMAP counties and performed quality control.
- Developed an automated methodology to improve the spatial accuracy of arterial intersection locations in the model highway network database, and applied it to two-thirds of the arterial intersections in the CMAP counties.
- Updated model rail network processing programs to work in ArcMap 10.

#### Employment:

- Obtained a renewal of the data sharing agreement with IDES. Submitted a data request to IDES.
- Continued address correction and geocoding, working on the existing 2007 file. Concentrated on chain restaurants.

#### Census:

Gathered product release schedules and subscribed to Census Bureau RSS feeds to anticipate release of American Community Survey (5-year), 2010 Census, and TIGER/Line (geography) data.

### **2<sup>nd</sup> Quarter Objectives:**

#### Land Use Inventory:

- Develop and document classification procedures for Multi-family Residential, Industrial and Commercial properties. Continue to develop procedures for Tax-Exempt.
- Continue production on Kane and DuPage Counties; pre-process McHenry and Kendall parcel files for production.
- Receive 2009 digital aerial photography; coordinate with Xiaohong for loading onto CMAP server.

#### Transportation System Inventory:

- Finish updating remaining arterial intersection locations in CMAP region.
- Develop an automated methodology to improve the geometric accuracy of arterial links in the model highway network database in the CMAP counties, and begin implementing it.

#### Employment:

- Obtain ES202 data available under our data sharing agreement.
- Link master point file of employers to 2010 data.
- Continue correcting and geocoding IDES data
- Generate new employment estimates by subzone, quartersection, municipality, township, county and Chicago Community Area using 2010 IDES data as a base.

#### Census:

Data products to be released in Q2:

- ACS 1-Year PUMS (2009), scheduled release November
- ACS 5-Year small-area data (2005 – 2009), scheduled release December

## **Major Capital Project Study Assistance**

Project Manager: Claire Bozic

Team: Dean, Patronsky, Rodriguez

Description: Active CMAP participation in these project studies provides an opportunity for CMAP to ensure that projects are refined in a manner consistent with long-range plan objectives. Following adoption of a *GO TO 2040*, implementing agencies typically embark on multi-year alternatives analyses and environmental studies. These studies are often

heavily reliant on data and methods used to evaluate them for inclusion in the regional plan.

Products: Analysis results; documentation of methods and analyses (as needed).

#### **1<sup>st</sup> Quarter Progress:**

- O'Hare Bypass: we provided draft 2040 regional modeled information for 3 scenarios. We participate in a number of committees associated with this project.
- I-290 Multimodal Corridor Study: we provided draft 2040 regional modeled information for two scenarios. We also participated in a project coordination meeting with IDOT and our Federal partners. We participate in a number of committees associated with this project.
- Chicago Downtown Parking Study: we provided historical and projected (c10q1, up to 2030) households and employment totals by subzone to the consultant working on a parking study.
- Lake County Transportation Plan we provided Lake County with modeled datasets for c10 Q1 for 2010, 2020 and 2030. We also provided summaries of assigned demand by vehicle class for the am and pm peak so they could see how their own process compared to our results.
- Central Narragansett Corridor Study we provided the draft 2010 and 2040 socioeconomic information associated with Go to 2040. We also produced draft 2040 traffic projections for the project.

#### **2<sup>nd</sup> Quarter Objectives:**

We will continue to provide technical assistance for major capital projects in a timely and professional manner.

### **Traffic Projections**

Project Manager: Claire Bozic

Team: Rodriguez

Description: Preliminary engineering for highway improvement projects often requires an estimate of "design year" traffic volumes. These estimates are derived from travel model results that incorporate future growth projections and the traffic effects of all planned and programmed transportation improvements.

Products: Refined future year traffic projections for use in preliminary engineering studies. As needed.

**1<sup>st</sup> Quarter Progress:**

We provided traffic projections in response to approximately 60 requests.

**2<sup>nd</sup> Quarter Objectives:**

During the second quarter we will develop the datasets needed to start providing all traffic projections for 2040.

**Future View**

Project Manager: Jack Pfingston

Team: Dryla-Gaca, Morck, Pedersen

Description: CMAP's modeled forecasts are mathematical estimates of the effects of regional growth under the strategies articulated in *GO TO 2040*. Future View (FV) permits a systematic comparison of preferred regional outcomes and local development perspectives. FV is a GIS-based application that permits interactive gathering and processing of local land use and future land use development information. CMAP staff prepares detailed development inventories using FV and conducts in-person interviews with municipal officials to review the short and long-term development outlook from the perspective of local decision makers. At the end of each municipal interview session, FV provides instant results for review or further action by local officials. These results include a rendering of expected land uses in place by 2040 and a summary table with 2040 projections of population, households, employment and total acreage.

Resources: Future View software; Development database; Census; employment data; land use inventory; aerials; municipal comprehensive plans; etc.

Products: Individual municipal population and employment projections based on local development outlook; a quarter-section grid of the region for internal use containing 2040 population, households and employment data compiled via FV municipal sessions; individual pdf maps of what municipalities expected regarding 2040 boundary extents and 2040 land use types.

**1<sup>st</sup> Quarter Progress:**

The team targeted DuPage County for this quarter. We met with 6 municipalities in July, 3 in August and 6 in September. We also demonstrated the tool and participated in a question-and-answer session in front of a multi-discipline group of faculty from UIC. We worked closely with GeoAnalytics in the production of FV, version 2.0, which will be compatible with the ESRI ArcGIS 10 platform. Progress was somewhat hindered by a lag on the part of Placeways, Inc. in releasing the latest version (4.0) of their CommunityViz software, also designed to be compatible with ArcGIS 10. Placeways released a cleared copy of version 4.0 in mid-September.



**2<sup>nd</sup> Quarter Objectives:**

We intend to complete FV sessions for DuPage County municipalities and begin work in North and Northwest Cook County. We will continue post-processing of data from FV sessions for release internally, and supplementing FV material on the CMAP wiki. Following delivery of FV, version 2.0, which will allow use of two laptops simultaneously, 2040 boundary overlaps in Kane County will be resolved. Team expects to complete a mosaic of 2040 municipal boundary extents in Kane County. The mosaic will be used in discussions with county officials to determine their expectations regarding 2040 projections for unincorporated portions of the county.

**Developments of Regional Importance (DRI)**

Project Manager: Tara Fifer

Team: Blankenhorn, Leary, Wies, internal subject matter experts.

Description: CMAP's DRI process provides an opportunity for regional partners to comprehensively assess the implications of large-scale development proposals, reconcile priorities associated with these proposals and coordinate independent actions in support of regional goals. A process to review potential DRIs was adopted by the Board in 2009. Toward the end of FY2011, it will be time to assess the program's successes and/or failures and provide the Board with guidance on how to proceed with the DRI requirement.

Products: DRI application processing, mid-term report, end-of-trial report and recommendations, June 2011.

**1<sup>st</sup> Quarter Progress:**

- No Activity

**2<sup>nd</sup> Quarter Objectives:**

- Await a DRI Application
- Prepare a mid-term report of 1<sup>st</sup> year DRI Trial Process

**Crash Database Assistance**

Project Manager: Jan Drennan

Team: Brown

Description: This is work in support of IDOT's development and management of a regional database of highway crashes. Originally a contract with IDOT to geocode crash reports that pre-dated automatic reporting software, CMAP benefits from involvement in maintenance of this data to support its analysis and evaluation of highway safety programs.

Products: Geocoded crash records are returned to IDOT for processing, June 2011.

**1<sup>st</sup> Quarter Progress:**

Cook 2002 coordinates for all crash sites were emailed to IDOT by August 18, 2010. Work continues on reading the 3,858 scanned police reports for Cook 2001 and entering location information into a database form along with quality checking the database table after groups of entries are made. About 2,100 reports remain to be read and data entered.

**2<sup>nd</sup> Quarter Objectives:**

Work will continue on reading the scanned police reports for Cook 2001, entering information into the database, and checking what has been done.

## **POLICY ENVIRONMENT**

Program Oversight: Management Staff, Matt Maloney

*GO TO 2040* addresses broad issues of governance and policy, which are equally as important as physical infrastructure to our region's future. The plan's approach in this area is to support activities that create a favorable policy environment for sustainable prosperity and regional job growth. Some of the major policy areas to be addressed in this program include transportation finance and tax policy, innovation and workforce development, data sharing, and intergovernmental coordination. An important role for CMAP is to address these broader policy issues by providing data and tracking key indicators, to be used to measure how well the plan is meeting its goals. This work area will also include activities related to staffing CMAP's working committee structure, legislative analysis, and coordinating short term responses to state and federal policy issues across the range of CMAP's regional focus areas, including transportation, housing, economic development, and human services.

### **CMAP and MPO Committee Support**

Team: Berry, Bright, Capriccioso, Dean, Deuben, Dixon, Elam, Leary, Maloney, Ostrander, Pietrowiak, Rademacher, Torres.

Description: Provides staff support to the CMAP Board, the MPO and the committees that report to both policy boards.

#### **1<sup>st</sup> Quarter Progress:**

- Developed the agenda and materials for the CMAP Board, MPO Policy Committee and the advisory, coordinating, and working committees that report to both policy boards.
- Provided updates throughout the quarter to the board members and other committee members as necessary regarding agency activities.
- Provided working committee summaries on a monthly basis.

#### **2<sup>nd</sup> Quarter Objectives:**

- Continue to develop the agenda and materials and provide staff support to the CMAP Board, the MPO and the committees that report to both policy boards.

### **Public Finance Analysis**

Project Manager: Matt Maloney

Team: Baden, Ferguson, *new policy analyst*

Description: *GO TO 2040* recommends a range of activities related to the areas of state and local tax policy and transportation finance. Activities include the creation of a Regional Tax Policy Task Force, to recommend specific changes to state and local fiscal matters that prove to have a major impact on the economic vitality of the region. Creation of this task force will be a major activity in FY 2011, and this group will direct further staff activity in tax policy areas aligned with CMAP's mission. Areas of study will include state and local sales tax revenue sharing, the fiscalization of land use, the property tax structure, expansion of sales

tax to services, and local tax capacity issues including analysis on equity. Issues aligned more specifically with transportation finance will not be addressed specifically by this task force- however, staff analysis on these issues will also continue. *GO TO 2040* recommends continued staff involvement in analyzing the impacts of certain policy changes, such as adjustments to motor fuel taxes, and the imposition of congestion pricing and parking pricing. Continued analysis of new potential revenue streams for transportation will continue to be a staff priority in FY 2011.

Products and Key Dates: Creation of Regional Tax Policy Task Force (February 2011); other deliverables as directed by the task force (ongoing); regional assessment of potential parking pricing locations (June 2011); strategy report on public-private partnership financing models (June 2011); continued research and analysis on the state motor fuel tax and vehicle registration structure (ongoing); detailed study of potential gas tax replacement mechanisms (June 2011); support to the RTA in conducting detailed studies on “value capture” for transit facilities (ongoing)

#### **1<sup>st</sup> Quarter Progress:**

- *Tax Policy*: Began inventory of current tax and socioeconomic data and assessed data gaps in preparation for task force.
- *Value Capture*: A consultant (S.B. Friedman) is currently constructing a value capture model and assessing the revenue potential of a value capture approach around a CTA rail station.

#### **2<sup>nd</sup> Quarter Objectives:**

- *Tax Policy*: Continue inventory and data assessment. Collect more up-to-date data, primarily on the property tax, as well as special district revenue data. Conduct preliminary internal analysis of extending the sales tax to services. Create a process for assembling task force, which should begin meeting in early 2011.
- *Value Capture*: Finalize work with S.B. Friedman on the value capture task, present results.
- Other transportation finance work will likely live in the “transportation policy” project, moving forward. Work plan will be amended.

## **Housing Policy & Initiatives**

Project Manager: Lee Deuben

Description: CMAP's initiatives seek to implement housing recommendation of the *GO TO 2040* plan as well as to be responsive to current housing market conditions. The CMAP Board calls for the agency to address housing issues as part of the overall comprehensive plan, particularly addressing housing conditions, type, affordability, and location. To meet regional priorities, the location, availability, and affordability of housing needs to balance with that of jobs, access to transportation, and protection of open space and natural resources. CMAP seeks to explore sound policy decisions that assure residents of northeastern Illinois safe, decent and affordable places to live.

Products and Key Dates: Furthering the vacant and foreclosed property initiatives of the RHOP action plan (ongoing); proposing new and timely solutions to jobs/transportation/housing mismatch as part of the Illinois Governor's Housing Task Force - Housing / Transportation / Employment Linkages Working Group; Facilitate information sharing among Neighborhood Stabilization Program (NSP) grantees (ongoing); maintenance of NSP list serve (ongoing); hosting quarterly NSP coordinating committee and convene information sessions (ongoing); provide best practice information and foreclosure data (ongoing).

#### **1<sup>st</sup> Quarter Progress:**

- Begin dialogue with Housing Committee on the rise in condo foreclosures and potential municipal responses
- Serve on Regional Homeownership Preservation Initiative vacant buildings task force including attending monthly meetings and development of a joint work plan with partner agencies on foreclosure initiatives
- Serve on Lake County's Housing Preservation Initiative task force
- Began discussions with Metropolis 2020 and Metropolitan Mayors Caucus about CMAP's potential involvement in the Homes for a Changing Region project
- Development of Sustainable Communities Initiative Regional Planning Grant applications
- Develop Housing implementation recommendations for *GO TO 2040*

#### **2<sup>nd</sup> Quarter Objectives:**

- Continue to serve on Regional Homeownership Preservation Initiative vacant buildings task force
- Continue to serve on Lake County's Housing Preservation Initiative task force
- Continues discussions with Metropolis 2020 and Metropolitan Mayors Caucus about CMAP's involvement in Homes for a Changing Region.
- Develop housing- related legislative priorities
- Begin *GO TO 2040* housing recommendation prioritization and implementation strategy
- Continue to assess the need for the development of a municipal resources guide for dealing with condo foreclosures
- Serve on Illinois Affordable Housing Task Force's Review Committee for the 2010 Illinois Affordable Housing Awards Program

### **Transportation Policy & Initiatives**

Project Manager: Doug Ferguson

Description: CMAP will address emerging challenges and issues arising from transportation policies and planning on the national, state and local levels. Our region needs to help shape the policies and programs that will dictate the role transportation plays in our communities and seek to align our national, state, and local transportation policies with an array of issues including climate change, housing, health, economy and sustainability. The U.S. Congress

over the next year will be working towards a new federal transportation authorization bill along with legislation on a national climate change bill. The debate and discussion of climate change has a heavy focus on transportation and its role for reducing green house gas emissions. It will be critical to the region that CMAP have a concise policy that can feed into the development of the new transportation bill.

Products and Key Dates: Policy briefs on national, state, and local transportation policy matters (ongoing)

#### **1<sup>st</sup> Quarter Progress:**

- New Starts: Filed a letter of public comment with the Federal Transit Administration on the Major Capital Investment Projects, Advance Notice of Proposed Rulemaking and Request for Comments on New Starts and Small Starts Project Justification Criteria.
- Served on the Transportation Committee for the Chicago Climate Action Plan.
- Worked with the RTA on the project selection for the Innovation, Coordination and Enhance (ICE) program for 2011.
- Provided assistance and direction to partner agencies on the TIGER II discretionary grants for capital projects and planning.

#### **2<sup>nd</sup> Quarter Objectives:**

- Finance: Develop a policy document concerning the key implementation recommendations for transportation finance in the State of Illinois.
- Data: Review transportation data and the criteria used to select projects and track progress.

## **Human Capital Information Portal**

Project Manager: Annie Byrne

Team: Baden, A. Williams-Clark

Description: Both the innovation and workforce development chapters of *GO TO 2040* include implementation actions (to be led by CMAP) for improving data and information systems. The Human Capital Information Portal (HCIP) will be an extension of the MetroPulse website and will provide detailed data and information to support economic development, education, and workforce development program administrators, researchers, policymakers, and policy advocates. The HCIP will also provide useful information to local governments and other human capital stakeholders. The HCIP will serve as a data clearinghouse, analytic tool, and as a platform for the dissemination of analysis of the region's workforce, industrial clusters, and innovation.

Products and Key Dates:

- Develop and confirm questions, visuals, and data priorities to be included in the HCIP, in consultation with existing working group (December 2010)
- Complete collection and processing of prioritized data and information for initial launch (February 2011)

- Collect and process additional data and information for future integration (ongoing)
- Finalize contract for design/web development (February 2011)
- Final design deliverables due (August 2011)
- Final web development deliverable due (January 2012)

#### **1<sup>st</sup> Quarter Progress:**

- Prepared detailed scope of work and work plan
- Met regularly with data/info working group (CJC, Women Employed, NIU) to develop an agenda on how we move forward on implementing GO TO 2040 workforce data related recommendations and coordinate with other existing relevant efforts.
- Planned a day-long working meeting with relevant State Agencies and key data users

#### **2<sup>nd</sup> Quarter Objectives:**

- Develop and implement data/info user engagement process with involvement of data/info working group
- Hold day-long working meeting with relevant State Agencies and key data users, generate a meeting report, and pursue identified next steps
- Finalize draft of key questions to answer with HCIP
- Develop and distribute RFP for web design and developer

## **Industry Cluster Drill-Down Reports**

Project Manager: Baden

Team: Byrne, Maloney, other relevant staff

Description: The *GO TO 2040* recommendation on Innovation includes an implementation action to perform a ‘drill down’ analysis into specific industry clusters, including freight/logistics, biotech/biomed and energy, and/or advanced manufacturing. The purpose of these reports is to identify specific opportunities to support economic innovation within a strategic cluster. A thorough, comprehensive evaluation of an industry cluster will highlight opportunities to develop partnerships, strengthen programs, advocate for policy changes, align workforce training programs, and bolster other resources that will help the cluster thrive.

#### **Products and Key Dates:**

- Prepare overview of cluster methodologies, based on literature and stakeholder interviews (February 2011)
- Prepare methodological guidebook that can be used by CMAP and other stakeholders to provide comparable analyses of the region’s economic sectors (March 2011)
- Prepare description of the chosen cluster components, including industries, occupations, infrastructure, and policy (April 2011)
- Prepare assessment of coordination among education, workforce development, and economic development for the particular cluster (June 2011)
- Prepare section discussing available qualitative and quantitative data, recommendations on additional data to pursue, gaps, and next steps (May 2011)

- Data Analysis including trends and forecasts (September 2011)
- Final Drill-Down Report (October 2011)

#### **1<sup>st</sup> Quarter Progress:**

- Prepared detailed work plan for template drill down report; met with staff supervisor and planned next steps.
- Networked with innovation stakeholders and discussed CMAP drill down plans, as well as similar drill down plans being undertaken by other organizations.
- Met with consultants RW Ventures to discuss drill down methodology and elicit recommendations for how to proceed.
- Generated draft drill down overview, circulated with relevant CMAP staff

#### **2<sup>nd</sup> Quarter Objectives:**

- Present and discuss drill down analysis plan with CMAP Economic and Community Development Committee
- Make final decision on the cluster to perform analysis on. If freight is chosen, present an overview of the project to the CMAP freight committee.
- Prepare literature review on cluster drill down methodology analysis.
- Identify key stakeholders for methodology interviews; begin conducting interviews to discuss cluster methodology and content.

### **Regional Economy: Summits and Roundtables**

Team: Delano, Rademacher, Pietrowiak, Byrne, Talbot, Baden

Description: CMAP facilitates and coordinates leadership meetings, summits, and roundtables with private and community sectors throughout the region. These events bring together economic and community development practitioners, transportation and land use planners, the private sector, and public officials to discuss and coordinate efforts in economic and community development. As called for in the *GO TO 2040* plan, CMAP will lead implementation efforts by organizing a series of meetings and bringing people and organizations together on certain issues that will lead and support efforts to implement the recommendations effectively.

Products and Key Dates: Four workshops a year and three partnership events, in the areas of workforce development, innovation, health and human services, and food systems.

#### **1<sup>st</sup> Quarter Progress:**

Project being re-scoped post *GO TO 2040* implementation.

#### **2<sup>nd</sup> Quarter Objectives:**

Achieve re-scoping of this project.

### **Legislative Outreach and Monitoring**



Project Manager: Ylda Capriccioso

Team: Allen, Smith, and other relevant staff

Description: This project is responsible for identify emerging intergovernmental issues, developing legislative priorities, and monitoring proposed legislation affecting the CMAP region. Staff will work with COGs, counties, municipalities and other partner organizations to promote CMAP legislative priorities aligned with *GO TO 2040*. Staff will serve as CMAP representatives at legislative meetings hosted by partner organizations, committee hearings and legislative meetings. Staff will prepare written materials, as needed, for one-on-one meetings, hearings, or briefings. Staff will provide an analysis of bills of significant interest to CMAP and the status of these bills as they move through the legislative process. Staff will update board, policy and working committees on legislative activities during regular and special sessions.

Products and Key Dates: Legislative Agenda (Dec/Jan 2010), Regional Legislative Briefings (Nov/Dec 10/Jan 11), 2010 Legislative Mid-Session Report (Mar/Apr 2011), Final Legislative Report (June 2011).

#### **1<sup>st</sup> Quarter Progress:**

- Legislative Reports – The board and CMAP committees received regular updates on legislative actions that took place during the spring session of the Illinois General Assembly. A final report was produced and distributed.
- GO TO 2040 Briefing: CMAP hosted an annual legislator luncheon and briefing for legislators; event hosted about 17 representatives from both the House and the Senate.
- Regional Legislative Briefings – CMAP staff has meet with key leadership in both House and Senate to discuss the recommendations in the plan, such as House and Senate majority and minority leaders as well as Senate Transportation Committee Chairman.

#### **2<sup>nd</sup> Quarter Objectives:**

- Legislative Reports – The board and CMAP committees will receive Veto Session reports on bills and other actions related to the ILGA.
- Regional Legislative Briefings – CMAP will continue to meet with key leadership in both House and Senate to discuss the recommendations in the plan that need legislative attention and support.
- Legislative Agenda – Work with CMAP committees and the Board to determine a comprehensive and cohesive legislative agenda addressing key areas of recommendations from GO TO 2040.

### **Regional Response to Federal and State Policy**

Team: Baden, Byrne, Capriccioso, Deuben, Elam, Fergusson, Garritano, Leary, Maloney

Description: The purpose of this task is for the deployment of communication tools, principles and/or initiatives which can be undertaken by staff in FY 11 to respond rapidly to a range of federal and state policy issues.

Products and Key Dates: Deliverables are as-needed and typically take the form of policy briefs or press releases to the CMAP Board or other committees, regional media outlets, or other regional stakeholders.

**1<sup>st</sup> Quarter Progress:**

- Submitted Sustainable Communities Initiative Regional Planning Grant proposal
- Assisted local governments in development Sustainable Communities Initiative Community Challenge Grant proposals
- Convened two Region V meetings which includes region V federal partners, philanthropic and civic organizations
- Serve on Housing, Transportation, and Employment Linkages Working Group of the Governor's Housing Task Force which is comprised of state, federal and partner organizations. The Linkages Working Group was formed to examine and address the current federal and state programs and legislative actions designed to examine the need for "sustainable communities" and to report to the Housing Task Force.

**2<sup>nd</sup> Quarter Objectives:**

- Continue to convene Region V meetings which include DOT, HUD and EPA Region V federal representatives, state agencies, philanthropic and civic organizations
- Continue to serve on Housing, Transportation, and Employment Linkages Working Group of the Governor's Housing Task Force.

## **American Recovery and Reinvestment Act Coordinating Council**

Project Manager: Annie Byrne

Team: Deuben, Reisinger

Description: Recognizing the opportunities presented for the region through the stimulus funds made available through the American Recovery and Reinvestment Act (ARRA), CMAP is leading the ARRA Coordinating Council. CMAP and the council will offer a range of assistance to state and local agencies in helping coordinate efforts that will strengthen the region's competitive advantage, especially in regard to ARRA and other federal funds. The council is made up of the Center for Neighborhood Technology (CNT), Chicago Community Trust (CCT), Chicago Jobs Council (CJC), Community and Economic Development Association (CEDA), Grand Victoria Foundation, Housing Action Illinois (HAI), Metropolitan Mayors Caucus (MMC), the Metropolitan Planning Council (MPC) and the Recovery Partnership. The council's goals include: (1) The smart application of resources and development, this will include leveraging funds from ARRA as well as the private sector; (2) to create an effective communication platform and mechanism to engage the necessary organizations and local governments that will help maximize ARRA resources throughout the region; (3) to identify linkages and opportunities between the different programs and existing resources; (4) to identify innovations and transformative practices and integration where possible; (5) to identify challenges in the implementation of the ARRA and develop recommendations to address challenges; and (6) to support

opportunities for collaboration and coordinated efforts, including the Sustainable Communities Initiative . The Council will also be a resource for helping to support additional projects and initiatives that will exceed the lifetime of the ARRA funding.

**Products and Key Dates:** Identify areas for coordination of competitive applications; pursue linkages between programs and resources (ongoing); identify models and example applications. These models and sample applications should be shared through list serves, workshops, and other appropriate communication mechanisms (ongoing); inform quarterly reports on ARRA implementation (quarterly).

#### **1<sup>st</sup> Quarter Progress:**

- The RACC met on August and began discussing their refocusing their role since the ARRA is coming to an end. The group decided to complete a final report that will suggest recommendations moving forward that address the need to continue economic recovery efforts. This report will also be used to help the RACC transition to its new role.
- The group decided to meet quarterly.

#### **2<sup>nd</sup> Quarter Objectives:**

- RACC will meet in November and decide what the focus will be moving forward.
- A draft final report of the RACC will be completed in December.

## **Regional Data Sharing Technical Assistance**

Project Manager: Andrew Williams-Clark

Team: Sanders, Wu, Zhang, interns as necessary

**Brief Description:** The undertaking of this project will be to train stakeholders in the use of CMAP data products, inform future improvements in these products and define regional best practices for data sharing with the overall goal of advancing local governments along a continuum toward more efficient data sharing. This will include training stakeholder groups to maximize impact of Regional Indicators website; producing a product backlog for municipal data portal development; developing policy briefs, reports and analyses based on a continuous assessment of existing conditions in our own region and in comparison with best practices identified across regions; and conducting a pilot program to provide comprehensive technical assistance to one department from each of the following government entities: the state, one county, one municipality and one regional transportation agency. Other activities include participating in regional groups working to develop indicators in specific issue areas relevant to the CMAP's mission and convening working group of local (county, municipal, and/or state departmental) government staff who work with data and are willing to share data with CMAP.

**Products and Key Dates:** Roll out indicators website (November); produce training workshop format and materials (November); provide first indicators training at CMAP (December); post and update product backlog for municipal data portal (ongoing, beginning in February); provide technical assistance pilot to local governments (winter); produce report analyzing existing conditions and identifying best practices for data sharing (spring).

**1<sup>st</sup> Quarter Progress:**

Project will be scoped and moved to new core program: Data Warehousing.

**2<sup>nd</sup> Quarter Objectives:**

Project will be reported on in new Data Warehousing core program.

**Municipal and other Data Portals**

Project Manager: Greg Sanders

Team: R. Krell, A. Williams-Clark, Wu, Zhang. External Relations and C and TA staff should also help to promote applications associated with this effort.

Brief Description: Maintain and enhance Web and mobile data systems for dissemination and visualization of municipal, county, regional, state and federal data. This includes the effort to develop and implement municipal data portals; maintain and improve the Regional Indicators website; and implement the WEAVE visualization engine.

Products and Key Dates: WEAVE tool installed (fall), Municipal data portal template (December 2010); at least 6 municipal data portals (June 2011); comprehensive data portal based on, but significantly broader than, the Regional Indicators portal (June 2011).

**1<sup>st</sup> Quarter Progress:**

Project will be scoped and moved to new core program: Data Warehousing.

**2<sup>nd</sup> Quarter Objectives:**

Project will be reported on in new Data Warehousing core program.

**Commercial Datasets Management**

Project Manager: Tara Fifer

Description: Many CMAP projects (e.g. land use inventory, regional indicators, freight planning, economic development) rely on proprietary data sources that CMAP purchases. In many cases, these data are compiled from public sources and the proprietary value-added is in their ease of use and quality control. The primary purpose of managing commercial dataset acquisition under a single project is to monitor and document the current use, ongoing need, and contractual obligations of proprietary datasets. While most commercial datasets are associated with a particular staff member who possesses appropriate subject matter expertise, the commercial dataset project manager is responsible for compiling usage statistics, managing procurement and renewals, and monitoring expenditures.

Products: Documentation of commercial data set use and procurement.

**1<sup>st</sup> Quarter Progress:**

- Commercial Datasets identified for FY 2011 purchase
- FY 2011 Budget as proposed by Research & Analysis is \$260,795

## **2<sup>nd</sup> Quarter Objectives:**

- Purchase/renew commercial dataset contracts as required

## **Future Leaders in Planning (FLIP)**

Project Manager: Andrew Williams-Clark

Team: Aleman, Banks, Reisinger, Torres

Description: This is a development program for high school students. Selected participants will collaborate with and learn from elected officials and planners who are developing the new *GO TO 2040* comprehensive regional plan. The program runs from September 2010 to March 2011 and provides ongoing leadership development, teaching them about past, present, and future regional planning issues from elected officials, community leaders and CMAP staff. Through multimedia tools, interactive activities and field trips, students go “behind the scenes” to explore our region’s communities. Topics include: transportation, housing, human services, land use, economic development and the environment. In addition to learning how local governments interact to address these important regional needs, students will have opportunities to engage with other students to think about the ways planning could be improved and/or changed. Students will present their resolutions at the end of the sessions to the CMAP Board.

Products and Key Dates: Recruitment guide with application (March 2010); program curriculum (July 2010); student selection & notification (June 2010); site selection for Final Project (August 2010); secure partner commitments (September 2010); Final Project (April 2011).

## **1<sup>st</sup> Quarter Progress:**

- Committed to adding youth participation value to Safe Routes To School grant application in Fairmont community of Will County
- Received input from adult stakeholders in the community
- Accepted 32 FLIP participants into the program
- Completed FLIP family orientation
- Completed Program Retreat

## **2<sup>nd</sup> Quarter Objectives:**

- Complete first three sessions
- Complete data collection on proposed SRTS sidewalk site

## **On-line and Print Publications Assistance**

Project Manager: Tom Garritano

Team: Holub, Weiskind, Reisinger

Description: CMAP staff have an on-going need for help in preparing their materials for publication on the web and in print. This project is to provide that guidance in an efficient,

timely manner. In FY 2010, many such staff-driven materials will be intended to facilitate implementation of the *GO TO 2040* plan. To the greatest extent possible, this project team and the staff they assist should place particular emphasis on conveying concepts in a style that is understandable to a broad segment of CMAP stakeholders and the region as a whole. For more technical materials, clarity should also be a priority in trying to reach narrower intended audiences. Non-communications staff are responsible for giving staff dedicated to this project advance notice of required assistance, to ensure effective budgeting of resources that include time, printing, and web programming.

Products: Various electronic and print materials, as needed throughout FY 2011.

#### **1<sup>st</sup> Quarter Progress:**

- Developed new stylesheets (graphics and typography) for implementation in CMAP print and web media. First use of these is in the *GO TO 2040* materials, but they will be applied across all CMAP publications following the plan's launch.
- Ported entire CMAP and *GO TO 2040* websites from Ektron to new Liferay platform, which will enable more-efficient staff communication.
- Publications assistance on-going, included various short-form documents (e.g., for event promotion) and some longer reports.

#### **2<sup>nd</sup> Quarter Objectives:**

- Work with CMAP staff to develop content using the new CMAP website as a resource and organizing tool.
- Build on-line repository of CMAP publications.
- Work with staff to develop content for Moving Forward area of new website (areas: Local Planning, Transportation, Energy, Water)
- Help develop new Get Involved web content area.

## **Strategic Web Content Development**

Project Manager: Tom Garritano

Team: Reisinger, Holub, Weiskind, plus other relevant staff.

Description: Implementation of the *GO TO 2040* regional plan and other core CMAP functions require a strategic approach to developing content intended to prompt specific actions by regional decision makers and the stakeholders who influence them. This project is to develop, organize, and present that content for the new, consolidated CMAP Web site. In prior fiscal years, considerable CMAP staff effort in developing web content has gone toward posting materials for committee activities. This is an important activity that should continue, but the new Web site enables a higher level of strategic communications that should communicate and advocate for recommendations of the regional plan and for other CMAP priorities as they emerge. Selected non-communications staff will be responsible for "owning" a significant area of the new website, corresponding to his or her area of expertise. For each major topic area, that person will be assisted by communications staff and other staff to continually develop and maintain content that brings people to the CMAP

website and promotes implementation of *GO TO 2040*.

Products: Short daily updates, longer monthly content. The schedule of products will range from one-paragraph web factoids to feature articles prepared with assistance of communications staff.

**1<sup>st</sup> Quarter Progress:**

- Continued CMAP weekly updates, water updates, ARRA updates (final ARRA update sent September 15).
- Provided on-going assistance to non-communications staff primarily responsible for Soles and Spokes blog, Green Signals blog, and other web content.
- Trained and worked with staff to verify successful transfer of existing web content to new Liferay platform, prepare for creation of new content to take advantage of that platform.
- Developed profiles of residents to be featured on new website for purpose of personalizing planning concepts.

**2<sup>nd</sup> Quarter Objectives:**

- Use web strategically to promote implementation of *GO TO 2040*.
- Support launch of Regional Indicators Project website (MetroPulse).
- Begin a new Policy Update blog (replacing former ARRA and *GO TO 2040* blogs).
- Develop additional resident profiles for the web.
- Build on capabilities created by new website, continually creating fresh content for various audiences (technical and non-technical).
- Promote use of social media and other innovative tools for building awareness of CMAP activities, including *GO TO 2040*.

## **CMAP Annual Report**

Team: Leary, Garritano, Reisinger

Description: Annual report describing overall CMAP progress toward key milestones.

Product and Key Dates: FY '10 CMAP Annual Report

**1<sup>st</sup> Quarter Progress:**

- Completed FY10 annual report on-schedule (presented at September meeting of CMAP Board).
- Began collecting materials for FY11 annual report.

**2<sup>nd</sup> Quarter Objectives:**

- Continue collecting materials for FY11 annual report.

## **ENERGY RETROFIT RAMP-UP**

Program Oversight: Management Staff, Lee Deuben

On April 21, 2010, the U.S. Department of Energy (DOE) announced that CMAP would be awarded a Retrofit Ramp-Up stimulus initiative grant for \$25 million to initiate a three-year energy retrofit program. This program was a competitive solicitation process that is part of the American Recovery and Reinvestment Act (ARRA) through the Energy Efficiency and Community Block Grant (EECBG) program administered by DOE. This project is a regional collaboration led by the Chicago Metropolitan Agency for Planning (CMAP) -- in partnership with the City of Chicago and the City of Rockford, with support from suburban and regional stakeholders. The Chicago Region Retrofit Ramp-Up (CR3) will transform the market for carrying out energy-efficient retrofits to commercial and residential buildings in northeastern Illinois. The project is significant for its potential to reduce a large region's energy footprint and as a model for inter-jurisdictional collaboration.

CR3 will provide a web based information portal so building owners can get the data they need to understand the benefits of a retrofit and to access information on the financial resources available to complete a retrofit. A major component of CR3 will be partnering with financial institutions to develop and support a range of financial products, including low interest loans and provide the guarantees banks need to lend in this emerging market. The grant award is expected by July 1, 2010, and we expect hire two new FTEs to assist in administering this program.

### **Regional Retrofit Steering Committee Support**

Team: Ahmed, Byrne, Deuben, new position

Description: Provides staff support to CR3 Chicago Strategy Steering Committee, which will include CMAP and other stakeholders including the City of Chicago, utility companies and representatives from the private and non-profit sectors.

Products and Key Dates: Incorporate CMAP into retrofit steering committee; ongoing monthly meetings.



### **1<sup>st</sup> Quarter Progress:**

- CMAP presence on Retrofit Steering Committee solidified- attended by Randy Blankenhorn and Lee Deuben
- Monthly CR3 progress reports provided to Steering Committee on CR3 progress
- Peter Locke hired as Steering Committee Coordinator from Terra Locke consulting
- Steering Committee expanded to include NICOR, Rockford and CMAP
- Steering committee involved in RFP development, proposal review and sub-recipient selection

### **2<sup>nd</sup> Quarter Objectives:**

- Continue attendance at steering committee meetings- attended by Randy Blankenhorn and Lee Deuben
- Provide monthly CR3 progress reports to Steering Committee members
- Continue coordination with Peter Locke, Steering Committee Coordinator
- Continue keeping Steering committee members involved in RFP development, proposal review and sub-recipient selection

## **CR3 Program Development**

Team: Ahmed, Byrne, Deuben, Dowdle

Description of the General Project Approach: Program development and operation of each aspect of CR3 will be developed by CMAP and partners and specific functions will be competitively bid based on an RFP process administered by CMAP. Program development, the implementation plan and oversight will be conducted by an oversight organization, either within CMAP or a separate implementation agency. Strategic guidance will originate from the CR3 Steering Committee based on the CR3 goals and objectives, which rely on well-defined methods, objective deliverables, and realistic milestones.

CR3 will be guided by the following three principles:

- Plan programs in collaboration with other Steering Committee members where possible to maximize the impact of all programs and funding dollars (i.e., a portfolio-based approach).
- Balance overall program efficiency (as measured by dollars per metric ton of carbon dioxide reduced) against other goals, including serving low-income residents and creating jobs.
- Invest in efforts to transform the market and provide enabling infrastructure.

The primary CR3 initiatives include:

1. Increasing access to information, which will be accomplished by:
  - Developing a comprehensive information system that will both educate consumers and facilitate transactions by creating a forum to connect consumers with suppliers.

- Launching a broad-based marketing campaign to educate consumers on the impact that buildings have, and the energy efficiency opportunities that are available to them.
  - Leveraging the Energy Action Network (EAN) model being piloted in Chicago and the Rockford Neighborhood Network to increase penetration in selected target areas.
2. Increasing access to capital, which will be accomplished by:
    - Providing more funding to early-stage pilot programs that have shown strong results.
    - Investing in infrastructure to support innovative new delivery options.
    - Increasing capital in specific sectors to help improve energy efficiency investment models.
  3. Increasing access to a trained workforce, which will be accomplished by:
    - Agreeing to a common, consistent certification for standard contractors.
    - Leveraging the existing green workforce development collaboration to train people on the common certification standard.
    - Creating a workforce intermediary that will connect trained workers with contractors.

*Geographic Target.* While activities and products will be implemented across the entire seven-county region and Rockford, CR3 will also carry out in-depth activities in six neighborhoods such as leveraging community based organizations, intensive marketing and awareness campaigns, and implementing local workforce development strategies. Three of these neighborhoods will be within Chicago, one in Rockford, and two in Chicago suburbs. Pilot areas will be determined using specific selection criteria aimed at identifying geographies that have the greatest expected impact while at the same time looking to diversify the types of communities to obtain the best data set for future replication. Possible criteria include diverse income and population demographics, energy consumption, transit accessibility, energy efficiency infrastructure, diversity and age of building stock.

**Products and Key Dates:** Refine budget, scope of work and final negotiations with partners and the US Department of Energy (May 2010); sign contract with DOE (July 2010); identify and procurement process for sub-recipients (Summer/Fall 2010).

### **1<sup>st</sup> Quarter Progress:**

- Contract signed with Department of Energy (DOE), budget adjusted and Statement of Project Objectives (SOP0) approved and submitted to DOE
- General 'scope s of work' plans completed for all CR3 project components
- RFP schedule completed
- Preliminary implementation plan completed
- Introductory meetings held with several stakeholder groups
- Department of Energy Trainings attended in Washington D.C. and Chicago

### **2<sup>nd</sup> Quarter Objectives:**

- Develop and release communications, marketing & outreach RFP in coordination with project partners and steering committee
- Develop and release information systems RFP in coordination with project partners and steering committee
- Develop and release energy audit tools RFP in coordination with project partners and steering committee
- Develop and release multi-unit affordable forgivable loan program RFP in coordination with project partners and steering committee
- Develop and release multi-unit loan loss reserve program RFP in coordination with project partners and steering committee
- Develop workforce standards and protocols for each financing program

## **CR3 Program Management**

Team: Ahmed, Byrne, Deuben, Dowdle, *new position*

Description: CMAP will serve as the lead agency for the deployment of CR3. CMAP will be responsible for tasks including, but not limited to: grant execution, reporting and compliance to DOE, draw downs, payouts & finances, program development and strategic planning, competitive procurement processes, development of project selection criteria for high impact marketing efforts, management of the steering committee and the program implementation agency, and compliance with all federal regulations in accordance with the ARRA EECBG program.

CMAP will oversee the funding structure for this grant. This proposal offers a multi-dimensional monitoring plan to ensure compliance with the program goals, EECBG regulations and other federal laws and requirements. Direct project compliance monitoring will be carried out by CMAP and its administering entities, under the advisement of the steering committee. The objective of the CR3 monitoring plan will be to ensure that all sub-grantees are:

- Achieving the work plan milestones and deliverables for each of the program goals and objectives as per the program's work plan.
- Carrying out projects as described within the EECBG application and any sub-grantee

agreement.

- Carrying out the EECBG activities in a timely manner sufficient to meet all expenditure requirements.
- Charging costs to the activities which are eligible under the EECBG regulations.
- Complying with other applicable laws, regulations, and terms of all EECBG agreements.
- Maintaining proper record keeping practices to allow full review of all activities by CMAP and DOE.
- Conducting the program to minimize the opportunity for fraud, waste, and mismanagement.

The CR3 objectives will be met by selecting organizations through a competitive RFP process (with strategic guidance from the CR3 Steering Committee) and by partnering with recognized leaders in the energy efficiency sector. The implementation plan will be carried out by a dedicated implementation Agency that will report to CMAP. The implementation agency will be selected for daily management of program implementation. This agency will be a sub-grantee from CMAP, selected through a competitive bid process or may be staffed within CMAP. This entity, reporting directly to CMAP and under the advisement of the Steering Committee, will be responsible for tasks including but not limited to: program development and strategic planning, project management and oversight of all grant sub-recipients, project reporting, compliance and monitoring of sub-recipients, and compliance with all federal regulations in accordance with the ARRA EECBG program. CMAP will sub-contract with sub-recipients for other program implementation and deployment as needed. Sub-recipients may include: technical assistance providers, trade groups, businesses, workforce and residential associations, community-based organizations, educational institutions, local government, web developers, customer service experts, marketing and communications specialists, contractor training organizations, weatherization providers, financial intermediaries and institutions.

Products and Key Dates: Hire project manager and financial staff (internal to CMAP) (spring/summer 2010); competitive bid process for administrative agency (summer/fall 2010); develop reporting mechanisms, sub-recipient agreements, accounting standards (summer/fall 2010); identify implementation scope of work, reporting requirements and compliance standards (summer 2010- ongoing); support implementation and strategic policy decision (ongoing).

### **1<sup>st</sup> Quarter Progress:**

- New CMAP CR3 Program manager, Dan Olson hired
- Implementation Agency RFP released and selection process begins
- Additional RFP's in draft form
- Preliminary accounting and reporting systems established
- Fulfillment of all monthly and quarterly ARRA reporting requirements
- Drawdowns begin

### **2<sup>nd</sup> Quarter Objectives:**

- Select and contract with Implementation agency
- Determine additional data collection software needs
- Develop assistant planner job description and begin recruitment process
- Fulfill all monthly and quarterly ARRA reporting requirements

## **CR3 Program Evaluation**

Team: Ahmed, Byrne, Deuben

Description: CR3 will be evaluated regularly by a third party to be contracted by CMAP and its administering entities, under the advisement of the Steering Committee. Different from monitoring project compliance, evaluations will examine project impact in the region on a regular basis. The objective of the CR3 evaluation plan will be to document:

- Number of customers assisted by the information center.
- Number of audits conducted to measure pre and post-retrofit energy consumption, including by sector.
- Total retrofits in process and completed, and financing tools utilized, in total and by sector.
- Total number of workers trained and number of workers employed.
- Total amount of contractors engaged in the contractors network.

During the first year, monthly evaluation reports containing these progress numbers will be prepared by CMAP as obtained from sub-grantees and shared with the Steering Committee. If numbers in consecutive reports indicate need for action to ensure annual and overall goals, the Steering Committee will discuss the problems and potential causes and make programmatic recommendations to be carried out by CMAP and sub-grantees. After the first year, evaluation reports will be quarterly. All reports will be aligned and in compliance with ARRA reporting requirements.

Products and Key Dates: Develop reporting mechanisms and requirements (spring 2011); evaluation (ongoing).

**1<sup>st</sup> Quarter Progress:**

- Begin researching monitoring and evaluation software and data collection needs
- Integration of monitoring and compliance into the implementation agency RFP

**2<sup>nd</sup> Quarter Objectives:**

- Contract with implementation agency
- Assess additional data collection, monitoring and evaluation needs
- Develop project implementation timeline that includes key performance indicators with the implementation agency

## **WATER RESOURCE PLANNING**

Program Oversight: Management Staff, Tim Loftus

This program covers the agency's areawide water quality planning activities as directed by the Clean Water Act and CMAP's role as the Areawide Water Quality Planning agency and regional water supply planning activities initiated by Executive Order 2006-1. The *Areawide Water Quality Plan* is amended by incorporating new watershed plans that achieve regional criteria and widespread endorsement, and by analyzing and making recommendations on proposed amendments to facility planning areas. Additional work involves providing technical assistance and project oversight to various USEPA and IEPA grant programs and participating in various stakeholder groups throughout northeastern Illinois. Regional water supply planning follows through on the state and regional investment in planning for a growing population faced with constrained water supplies. Support for implementation of *Water 2050: Northeastern Illinois Regional Water Supply/Demand Plan* aims to avoid water demand and supply imbalances within the region. Both plans serve as functional elements of the regional comprehensive plan, *GO TO 2040*.

### **Water Quality Management Planning: Facilities Planning Area (FPA) Process**

Project Manager: Dawn Thompson

Team: Elberts, Loftus

Description: FPA is defined as "a centralized sewer service area to be considered for possible wastewater treatment facilities within a 20-year planning period." CMAP is the designated water-quality planning agency for the seven-county region, with responsibility for reviewing wastewater permits and facility plans to ensure consistency with the federally approved Illinois Water Quality Management Plan (of which the Areawide Water Quality Plan is a component). CMAP's Wastewater Committee conducts reviews of requested changes to the plan's current water-treatment boundaries and makes recommendations to the Illinois EPA, which maintains decision-making authority for amendments to the plan. Staff will also provide information, via an outreach and education effort, related to water quality plan implementation.

Products and Key Dates: Reviews as needed; outreach/education presentations to regional stakeholders (e.g. COGs, counties, ecosystem partnerships).

#### **1<sup>st</sup> Quarter Progress:**

- Drafted a soon to be revised Water Resources webpage and participated in staff discussions to develop a strategy for updating the page on CMAP's website.
- Reviewed and approved monthly invoices.
- Developed public notices, maps, and signoff letters for FPA amendment applications. Also developed an agenda and minutes for the Wastewater Committee.
- Met with Kane County regarding the revision of the County's Stormwater Management Ordinance.

- Developed materials and questions for CMAP's meeting with the IEPA to outline proposed impacts to the existing FPA process. Briefed the Wastewater Committee's Chairwoman on pending issues with the FPA process. Also met with reps. from Openlands, the IEPA, MWRDGC, and the Sierra Club regarding IEPA's new position.
- Participated in discussions regarding a strategy to address IEPA's change to the FPA process.
- Provided write-ups for CMAP's water newsletter.
- Gave a formal presentation to a group of interns on CMAP's FPA process at an Openlands' Intern enrichment seminar.
- Worked with staff to develop a list of desired layers and desired functions for the new FPA web mapping site.
- Staff attended the two-day Nutrient Summit in Springfield.
- Staff serves on the Lake County Stormwater Management Commission, Technical Advisory Committee (LCSMC TAC) and attends monthly meetings.

## **2<sup>nd</sup> Quarter Objectives:**

- To develop meeting material for the Wastewater Committee including a review of Level I, II and III amendment requests, signoff letters and public notices.
- To brief Wastewater Committee members on any new developments with IEPA's proposal to amend the existing process.
- To develop maps outlining FPA boundaries for members of the public.
- To provide ideas, links, information for the newly developed water newsletter.
- Staff will begin a methodical process of reviewing Review Criteria, WQMP Amendment Application, and WQMP Amendment Process and Procedures documents for purposes of updating and revision.
- Staff, in consultation with others, will develop a more nuanced understanding of CMAP's Areawide Planning obligations and opportunities in light of recent changes in thinking at IEPA.

## **Fox River Basin Watershed Planning**

Project Manager: Tim Loftus

Team: Ahmed, Elam, Elberts, Hudson, Talbot, Thompson

Description: Four new watershed planning processes for, 1) Blackberry Creek, 2) Ferson-Otter Creek, 3) Silver Creek, and 4) Sleepy Hollow Creek will launch and provide forums for integrated water resource planning discussions. In addition to addressing the minimum components of a watershed-based plan as outlined by USEPA, new plans will consider lakes management and newer regional criteria that includes groundwater protection, projecting a 'vision' for the watershed, setting target pollution-load reductions for the watershed, and assessing municipal/county ordinances using the Water Quality Score Card developed by the US EPA. Planning processes will feature local leads (i.e. a local stakeholder with watershed-



wide legitimacy) to co-facilitate planning and provide a local voice for stakeholder meeting(s) organization, additional water quality monitoring, and coordination with both the Fox River Study Group, Fox River Ecosystem Partnership (FREP), and Illinois State Water Survey.

Products and Key Dates: Near-monthly stakeholder meetings; quarterly progress reports due to Illinois EPA; pollutant-load model output, outreach products including some that are specific to each watershed; upgraded FREP website for Fox River subwatersheds; water-quality data; and resource inventories and draft introductory chapters for four watershed plans.

### **1<sup>st</sup> Quarter Progress:**

Contract with IEPA – FAA#604101 was finalized to include, 1) approved scope-of-work language for both the VLMP and Other Projects (i.e., Fox River Basin, Watershed Planning) components, and 2) budget details.

Subcontracts – three subcontracts, including scope-of-work and budget details, were finalized with The Conservation Foundation (TCF), Environmental Defenders of McHenry County (EDMC), and Fox River Ecosystem Partnership (FREP). Work has begun on developing the FREP website (subwatersheds page) and TCF's first brochure.

Internal Planning Strategy meetings – Two to three meetings per month were conducted beginning in August. A 'kick-off' meeting was held here at CMAP that included our subcontractors.

External Stakeholder meetings – initial watershed planning meetings were held for all four watersheds in September. Attendance was encouraging, coordination with subcontractors and others (e.g., Fox River Study Group), and much preparation resulted in a successful start for the planning processes.

Misc. – Megan E. attended HSPF training conducted by USEPA and held in St. Paul, MN. Megan has coordinated extensively with both the Illinois State Water Survey (ISWS) and Fox River Study Group (FRSG) via monthly meeting attendance and telephone calls in preparation for using the hydrologic/pollutant load model developed by ISWS for FRSG. Megan participated in a Hickory Creek technical committee conference call that focused on modeling issues; provided technical assistance (e.g., mapmaking, resource inventory data collection) to the CMAP planners; and assisted with developing the project charter documents and other materials. Megan also participated in a USEPA Watershed Academy Webcast. Amy T. and Dawn T. also attended Lower DuPage River watershed planning meetings as part of their preparation for leading a similar planning process.

### **2<sup>nd</sup> Quarter Objectives:**

Monthly stakeholder meetings are planned in each watershed (December is still questionable).

Topic to address include, goals/objectives, watershed vision, and groundwater protection.

Data will continue to be collected and analyzed as resource inventory descriptions are prepared for the plan documents.

A 'draft layout' of the FREP website will be submitted to IEPA for review and feedback.

A draft brochure (1 of 2 brochures expected during the planning process) will be submitted by both TCF and EDMC to CMAP and on to IEPA for each watershed for which they have

outreach and coordination responsibilities. A final draft is also expected to be submitted by January 1<sup>st</sup>. The first brochure will be designed to describe the watershed, planning effort, unique watershed features, and impact and importance of nonpoint-source pollution control.

PowerPoint presentations developed by TCF and EDMC and describing the watersheds and planning efforts are also to be submitted to CMAP for review prior to being sent on to IEPA by January 1<sup>st</sup>.

## **Volunteer Lake Monitoring Program (VLMP)**

Project Manager: Holly Hudson

Description: Coordinate Illinois EPA's VLMP for the seven county region (excluding Lake County), including over 50 volunteers at approximately 40 lakes. Provide additional lake management planning technical assistance to support the core program activities.

Products and Key Dates: Quarterly progress reports due to Illinois EPA; data review and management (ongoing); technical assistance (ongoing); audits of Tier 3 volunteers (July-August 2010); lake maps and monitoring site coordinates for new lakes in the program (October 2010); 2010 monitoring data QA/QC and editing in Illinois EPA's lakes database (December 2010); assistance with annual report preparation (as requested by Illinois EPA); distribution of Secchi monitoring forms to continuing volunteers (April 2011); volunteer training (May 2011); and follow up visits (as needed).

### **1<sup>st</sup> Quarter Progress:**

#### Data management:

- reviewed Secchi Monitoring Forms received to date, contacted volunteers regarding missing or unclear information, checked the Secchi Monitoring Form data vs. what the volunteers had entered online, entered Secchi and D.O./Temperature Profile data for those volunteers who had not entered their data online, trouble-shooted database "Server Error" glitches with Illinois, mailed copies of the Secchi Monitoring Forms and D.O./Temperature Profile forms to the Statewide Coordinator at Illinois EPA;
- provided VLMP database log-in information to several volunteers upon request;
- prepared file folders with labels for each lake and filed all Secchi Forms received to date;
- contacted every volunteer who had not yet sent in any Secchi Forms to check on their participation status;

#### Technical assistance:

- upon request from Illinois EPA, researched, searched maps and websites, and inquired with local jurisdictions regarding whether there was a Davis Lake in McHenry County and its location;
- assisted the volunteer at Indian Lake/Cook Co. with information regarding potential permitting needs for pumping lake water into a neighboring creek;
- prepared electronic files of lake maps for every lake in Lake County that has been in the VLMP since 1981, and mailed them on CD to Lake County Health Department (also provided a CD to IEPA's Northern Monitoring Unit staff);

- provided information to the volunteer at Lake Stephen/Will Co. on where he could get algae identified;
- contacted lake management service firms, updated my list of firms that provide aquatic plant harvesting services in northeastern Illinois, and provided this list to a consultant and a volunteer per their request.
- organized and sent several photos of volunteer lake monitors in action to Alice Mayo at U.S. EPA Headquarters for potential use in a volunteer monitoring article in and upcoming NALMS' LakeLine magazine;
- discussed and provided a list of firms that provide bathymetric mapping services to a homeowners association in Lake County;
- prepared for and conducted water sampling (including dissolved phosphorus) on August 11 with the volunteer at Wonder Lake/McHenry County in support of a wide-scale data collection effort within the Nippersink Creek watershed and Wonder Lake involving the Wonder Lake Master Property Owners Association, McHenry County Health Dept., and USGS;
- on behalf of Illinois-Indiana Sea Grant, arranged with the Statewide VLMP Coordinator to ship them 10 copies of the VLMP DVD for distribution to Sea Grant "libraries";
- discussed the value of VLMP participation with the Fox Valley Park District's Director of Natural Resources, provided Lake Water Quality Assessment data for four of the District's lakes, met with him at one of the District's lakes to assess the nuisance aquatic plant conditions, and provided additional information about the VLMP along with a full set of Lake Notes fact sheets and A Guide to Illinois Lake Management;
- discussed lake and aquatic plant management (APM) issues with the lake manager at Tower Lakes (Lake Co.) on August 19, and referred him to the Lake County Health Dept., encouraging them to become involved in the VLMP;
- provided sets of several of the *Lake Notes* fact sheets to the Loch Lomond HOA (Lake Co.) as requested for their annual Lake Festival;
- provided a list and ordering information for several aquatic plant identification books to the volunteer at Lake Atwood/McHenry Co.;

#### Volunteer Training:

- discussed with and sent examples of VLMP data reporting to the Deputy Manager at the City of Crystal Lake as follow-up to their consideration of Vulcan Lakes' participation in the VLMP, and corresponded with the volunteer monitor.

#### **2<sup>nd</sup> Quarter Objectives:**

Continue reviewing Secchi Monitoring Forms received to date, check data entry in the VLMP on-line database and enter data as necessary; mail copies of the Secchi Monitoring forms to Illinois EPA; prepare monthly and quarterly project reports for CMAP; provide technical assistance to volunteers as time and budget allows.

#### **ARRA Watershed Project Assistance**

Project Manager: Jesse Elam

Team: Loftus

Description: Using funding from Illinois EPA under Clean Water Act Section 604(b), as authorized by the American Recovery and Reinvestment Act of 2009, CMAP is providing assistance for four watershed planning or monitoring projects in northeastern Illinois: (1) watershed planning in Hickory Creek, (2) watershed planning in the Lower DuPage River, (3) monitoring in the Fox River, conducted by the Fox River Study Group, and (4) monitoring on the Kishwaukee River, carried out by a consultant to CMAP. Almost all of the funding passes through to other organizations. CMAP's responsibilities include guiding plan development by advising the project teams, helping develop consultant scopes of work, attending stakeholder meetings, reviewing plan documents, and administering the grant.

Products and Key Dates: Quarterly Progress Reports due to the Illinois EPA; two watershed plans due June 1, 2011.

#### **1<sup>st</sup> Quarter Progress:**

- Developed checklist of ordinance requirements to review municipal and county land use controls, stormwater management standards, subdivision standards, conservation design and natural area specifications, etc. Submitted to Policy Review Subcommittee for review. Requested completion of checklist by local governments in Hickory Creek watershed (contractors handled stormwater management requirements). Received completed checklist from half of respondents.
- Held meeting with watershed stakeholders September 8 for initial identification of green infrastructure network to protect.
- Conducted field reconnaissance to identify potential stormwater management and stream restoration projects.
- Largely completed watershed loading estimates for review by Technical Committee at meeting on September 22.
- Staff attended Lower DuPage River monthly planning meetings and participated as appropriate.
- Three new Lower DuPage River subcontracts were submitted and approved by IEPA.

#### **2<sup>nd</sup> Quarter Objectives:**

- Substantial progress toward completion of short term implementation plan chapter
- Monthly stakeholder meetings are planned for the Lower DuPage River
- Additional draft plan chapters will be submitted.
- CMAP will provide a groundwater protection overview and lead a discussion during one of the monthly meetings

### **Maple Lake Phase 2 Rehabilitation and Protection Program**

Project Manager: Holly Hudson

Team: Elberts

Description: Technical advisor to the Forest Preserve District of Cook County for an Illinois Clean Lakes Program Phase 2 rehabilitation and protection project at Maple Lake.

Products and Key Dates: Quarterly progress reports due to FPD of Cook County (cc: Illinois EPA); nuisance aquatic plant management plan (August 2010); technical assistance regarding nearshore sediment removal project and nuisance aquatic plant management plan implementation (ongoing as needed); water quality monitoring (monthly); data management (ongoing).

### **1<sup>st</sup> Quarter Progress:**

During this quarter, CMAP staff conducted the following project activities:

- prepared monthly and a 4<sup>th</sup> quarter FY10 project report for CMAP, and a 4<sup>th</sup> quarter FY10 report for the FPD of Cook Co. (cc'd Illinois EPA);
- reviewed and approved the April-June 2010 invoice to the FPD of Cook Co. prepared by CMAP's accounting group;
- prepared an FY11 work plan for CMAP;
- prepared for and conducted water sampling at Maple Lake Sites 1 & 2 on July 27, August 24, and September 27, and shipped the water samples to Illinois EPA's Springfield lab;
- entered Secchi and D.O./temperature data into Illinois EPA's on-line database;
- began an assessment of nuisance aquatic plant management options;
- prepared an alternatives analysis for the potential nearshore sediment removal project;
- discussed with Illinois EPA's Clean Lakes Program Coordinator the overall project's remaining tasks, priorities, grant funds, and match requirements;
- worked to schedule a meeting of CMAP, FPD, and Illinois EPA staff to discuss project status and remaining tasks (the date for which is proving to be challenging).

### **2<sup>nd</sup> Quarter Objectives:**

Complete nuisance aquatic plant management assessment and discuss with the District's Fisheries Biologists and their vegetation management firm; meet with FPD and Illinois EPA staff to discuss project status and remaining tasks; conduct monthly water sampling.

## **Fox River Watershed Restoration and Education (Phase 4)**

Project Manager: Dawn Thompson

Team: Elberts, Hudson

Description: Serve as the grant administrator and technical advisor through a Clean Water Act Section 319 Nonpoint Source Pollution Control Program grant from Illinois EPA for four implementation projects within the Fox River watershed.

The four projects are as follows:

- Village of Streamwood: The village is stabilizing an eroding streambank of the South Branch of Poplar Creek located between the Streamwood Oaks Golf Course and Whispering Drive in Streamwood.
- Dundee Township: The township is conducting reclamation and restoration of a 160-acre site on Jelkes Creek, a tributary of the Fox River.

- Village of West Dundee: The village is constructing two bioretention facilities near the Fox River in northeastern Kane County.
- St. Charles Park District: The park district is implementing streambank and streambed stabilization on Norris Woods Creek, a tributary of the Fox River, located in the Norris Woods Nature Preserve.

Products and Key Dates: Quarterly Progress Reports due to the Illinois EPA; Draft Operation and Maintenance Plan – February 1, 2011

#### **1<sup>st</sup> Quarter Progress:**

- Reviewed, provided comments and approved the following for the IEPA: Photographic documentation of the Village of Streamwood's draft project sign; Village of Streamwood's final O & M plan; Village of West Dundee's final Project Report; Jelkes Creek draft O & M Plan; the City of St. Charles draft O & M Plan; Village of West Dundee's draft and final Educational Signs; a final educational brochure for the Village of West Dundee; and the Village of West Dundee's final and draft O & M Plan.
- Finalized the 319 amendment agreement between CMAP and the Village of Streamwood, the City of St. Charles, and Dundee Township. An executed agreement was forwarded to each of the subgrantees.
- Conducted site visits for the Jelkes Creek project, the Village of West Dundee, and the Village of Streamwood. The Village of West Dundee's project is complete.

#### **2<sup>nd</sup> Quarter Objectives:**

- To review, provide comments, and approve submittals from 319 subgrantees.
- To complete a progress report summarizing CMAP's activities and 319 subgrantee's activities for the IEPA.

## **Regional Water Supply Planning**

Project Manager: Tim Loftus

Team: Ahmed, Elberts, Schneemann, Talbot, Thompson, Hudson

Description: Having established a leadership role over the past four years in water supply planning, CMAP has a vested interest in ensuring that regional activity remains at a productive level. *Water 2050* features over 50 recommendations aimed at CMAP for implementation. Project activity will seize CMAP's opportunities to implement plan recommendations while supporting several of *GO TO 2040* recommendations at the same time. CMAP will also serve as the regional conservation coordinator to support county government and public water suppliers as they move to implement recommendations designed for them. Additionally, the diverse needs associated with maintaining water demand/supply balance require an active forum for discussion and iterative planning. CMAP will facilitate these discussions, track plan implementation progress, and prepare for an updated plan in 2015.

Products and Key Dates:

- As the regional conservation coordinator, provide introductory technical support on water conservation tracking tool to public water suppliers.

- Engage the region's 300 plus public water suppliers to communicate the opportunities and benefits of water conservation and efficiency.
- Support existing conservation efforts in the region and be informed about related initiatives at all levels.
- Conduct quarterly forums to engage the region's decision makers and other stakeholders on issues of importance to regional water supply planning and management. Forums will be held in September, December, March, and June .
- Presentations, participation on panels, etc. to promote *Water 2050*.

### **1<sup>st</sup> Quarter Progress:**

\* For half of the first quarter, staff was unable to charge to this project number.

Work Plan – Outlined individual staff work plans with an emphasis on outreach and technical assistance.

#### Outreach –

- Numerous presentations were given and meetings held promoting the findings and recommendations of *Water 2050*.
- Staff participated in a water-resource forum hosted by Congressman Melissa Bean.
- Collaborative efforts with others in the region are ongoing in terms of public information and education efforts.
- Collaboration with Wildman Harrold got underway for producing the first 'quarterly forum'.
- Staff organized and presented a USEPA WaterSense/CMAP webinar for the ISAWWA.
- Water Resources e-newsletter (August)

#### Professional Development –

- Staff attended the AWWA annual conference in Chicago.
- Staff attended the Asset Management Workshop organized by the Alliance for Water Efficiency and cohosted with CMAP.

#### Technical Assistance –

- Staff began collaborative meetings with CNT and MPC for purposes of developing a municipal case study for conservation, full cost of service water pricing, and other related water resource activity.
- A regional water utility contact database is under development to support outreach efforts.
- Staff participated in NRDC sponsored Hydrological Separation Study review committee meetings.

CMAP/U. of I Extension/IL-IN College Sea Grant Program – Support for M. Schneemann's work is ongoing including participation in a Sea Grant Partners meeting at USEPA , Region 5 office.

Other –

- Staff participated on two IEPA Advisory Committees for purposes of evaluating the revolving loan fund programs and revising the programs to better reflect current water resource objectives (i.e. water supply, green infrastructure, watershed planning, etc.)
- Staff (Talbot) was appointed to Chair of the Illinois Section AWWA water efficiency committee.
- Staff participated on the IEPA Green Infrastructure Grants Steering Committee providing input on program materials and unveiling events.
- Pursued opportunities to learn about City of Chicago graywater reuse activities.

**2<sup>nd</sup> Quarter Objectives:**

- Conduct first water forum on October 22<sup>nd</sup>; make preparations for next two forums to be held in January and March 2011.
- Implement staff work plan tasks in the areas of outreach and technical assistance.
- Make *Water 2050* presentations at Illinois Water 2010 conference; Institute for Regulatory Policy Studies conference
- Prepare and deliver Water Resource e-newsletter (December).
- Participate, by invitation, in the American Water Summit 2010 conference in Washington, DC.